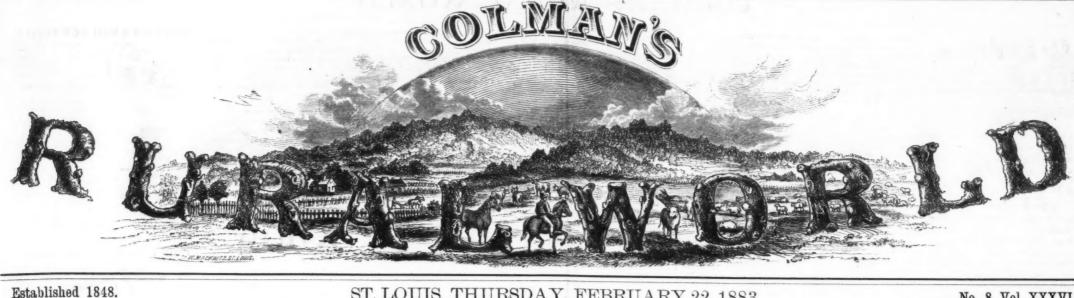
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## ST. LOUIS, THURSDAY, FEBRUARY 22, 1883.

No. 8, Vol. XXXVI.

which, in the getting up and the advertising of the Kansas Cane Growers' meeting. The RURAL WORLD had no troughs. Our mills have rolls 30 inches long wise, and, therefore, knew nothing of

information. It says:

"From the Kansas City Indicator we see that the Kansas State Cane Growers and Manufacturers' Association will meet in convention at Topeka, Wednesday the 21st inst. A special request is extended to every one interested in the production of sugar and syrup in Kansas to be present. Samples of syrup, sugar, seeds, contributions and reports from every county in the State are urgently desired, to make this, the first annual meeting, a success."

Who were the enterprising men en-

Who were the enterprising men engaged in getting up the meeting and just why they hesitated to advise the papers

Growers' meeting we found a very active demand for Northern cane seed grown in a more Southern latitude. The same demand we also found at the Minnesota Cane Growers' meeting. Much of Northern cane seed did not fully mature, and the Northern growers will have to look to a more Southern lattitude for good seed. And experienced growers of cane at the North say, that the cane seed deteriorates there, and that not more than a corn or two from Northern seed as placed in the cane seed deteriorates there, and that not more than a corn or two from Northern seed can be seed to such as the North say, that the cane seed deteriorates there, and that not more than a corn or two from Northern seed can be sirup is stored in large tanks where it saking all brought to the mill, of all kinds; some was very inferior. The President—Did you find any difference in the quality of the sirup or product, when the cane was cut in the cane w

feet long. 46 inches in diameter, and they have tubes, in one of them 3½ inch, and in the other 3½ inch. In the boiler with 3½ inch. In the boiler with 3½ inch tubes we can make steam a great deal faster than in the one with the smaller tubes. From the boilers we conduct the steam to the evaporators, which are 18 feet long and six feet wide. We take the steam in the centre, that is through two inch pipes and the pipe on the proportion of the evaporation of the every horse-power of the engine we can side runs down to smaller pipe on the centre, that is through two inch pipes and the pipe on the centre, that is through two inch pipes and the pipe on the centre, that is through two inch pipes and the pipe on the centre, that foots up 6 cents per gallon; hauling to the mill, 2 cents per gallon, particular in the cents per gallon, and in the cots up 6 cents per gallon, particular in the cents per gallon; hauling to the mill, 2 cents per gallon, particular in the cents per gallon; hauling to the mill, 2 cents per gallon, particular in the ce feet long. 46 inches in diameter, and they in piles, 24 cents per gallon; hauling to the asse direct from a mill in making steam for

meeting. The RURAL WORLD had no notice of the meeting from any one associated with the convention or otherwise, and, therefore, knew nothing of the cane is hauled fresh from field and laid the cane is hauled fresh from field and laid half cents per gallon. That does not include the results of the RURAL WORLD had no notice of the meeting from any one associated with the convention or otherwise, and, therefore, knew nothing of the read is hauled fresh from field and laid half cents per gallon. That does not include the read has yielded all the way from half cents, and package is two and a half cents, and package is two and a half cents, making the total twenty-three and a half cents per gallon. That does not include the read has yielded all the way from half cents, and package is two and a half cents, and package is two and a half cents, making the total twenty-three and a half cents per gallon. That does not include the read half cents per gallon. The cane is hauled fresh from field and laid wise, and, therefore, knew nothing of the meeting. The why and wherefore we are unable to indicate. The Kansas Farmer, published at the very place in which the meeting was to be held, appears to have been under the necessity of quoting from a Kansas City paper for its information. It says:

"From the Kansas City Indicator we see that the Kansas City Indicator we see that the Kansas State Cane Growers and Manufacturers' Association will meet in convention at Topeka, Wednesday the 21st inst. A special request is extended to every one interested in the bottom of defecator to evaporator, in the cane is hauled fresh from field and laid upon carrier sixtyfeetlongleading to crusher which expresses 50 per cent. of the gross weight in fuice. The fuice is conveyed to a receiving tank of 500 gallons capacity, having a partition through the centre and filled with hay on one side through which the meeting was to be held, appears to have been under the necessity of quoting from a Kansas City paper for its information. It says:

"From the Kansas City Indicator we see that the Kansas State Cane Growers and Manufacturers' Association will meet in convention at Topeka, Wednesday the 21st inst. A special request is extended to every one interested in the each of every men and plant in the cold indicator we see that the bottom of defecator to evaporator, large and prospective for the amount of misk they did be interest on the capital invested in the manterest of the theory have across. Vestripped no can at all; ran it through with the leaves on; it was just after the seed was hard enough to grow; the large that the work was in plantic that probably might be enumerated, but they made the total perglalon but very little; before the commenced in the which the meeting and cows, by which he could give the results in decimal and cows, by which he could give the results in decimal and cows, by which he could give the results in decimal and committee that probably might be enumerated, but they include the total perglalon but very little; from the bottom of defecator to evaporator, which is 8 feet wide, 18 feet long, 25 feet deep with a ledge of ten inches on each side. The steam being introduced at the center through 2-inch pipe and exhausted each way through a manifold of smaller pipe, makes the great-est heat in the center and operates as a self-it was ten per cent. while the leaves were yet skimmer, while the contents are being reduced from 9 degrees Beaume to 22 degrees Beaume to 22 degrees Beaume to 12 degrees Beaume to 1 duced from 9 degrees Beaume to 22 degrees
Beaume. The liquor is then drawn off and exposed to sulphur fumes as it is discharged the amount of juice absorbed by the leaves to why they hesitated to advise the papers identified with the interest, we are at a loss to know. These, however, will we doubt not all appear in one of the numerous reports of their meeting which will, we hope, be a success.

Demand for Sorghum Seed.

While at the Madison, Wis., Cane Growers' meeting we found a very active demand for Northern cane seed grown in a more Southern latitude. The grown in a more southern latitude in the settling tanks where it is then taken to the initisher which is a round pan 6 feet in diameter and 1½ feet deep, containing copper collett. It is then taken to the initisher which is a round pan 6 feet in diameter and 1½ feet deep, containing copper collett. You take a ton of cane, that is in buying it with the leaves on, or \$2.00 with the set of cane, that is in buying it with the leaves on, or \$2.00 with the leaves on, or \$2.00 with the maken off. I do not think there is fored, cooling the sirup quickly. When cold, the sirup is stored in large tanks where it remains till all froth has risen to the amount of juice absorbed by the leaves to the amount of juice absorbed by the leaves to the amount of juice absorbed by the leaves to the nother the advantage that is in buying it with the leaves on, or \$2.00 with the amount of juice absorbed by the leaves on dance that is in buying it with the leaves on or cane, that is in buying it with the leaves on or cane, what is in buying

## Agricultural.

your work, and do not let your work drive the best for pasture, because it is too each side runs down to smaller pipe on the outside, causing the greatest boiling in the centre, throwing the seum each way to side trong has the value of the tors, so if we have a 15-horse power engine each wide runs down to smaller pipe on the outside, causing the greatest boiling in the centre, throwing the seum each way to side was a 15-horse power engine when the cane is the Early Amber on the control of the control of the control of the cane is the Early Amber of the cane. The cane is the Early Amber of the control of th others who seem to be always in a hurry material. But as a fertilizer, I think it is really perform no more labor, and work far superior to all other varieties. I to much less advantage. The first one sowed it one spring on a field of wheat. ment to find Sambo in the shade of an apple tree and not a fibre pulled. "How since, but have never experienced such

### Sapling Clover Again.

MR. EDITOR: In your last issue you say that you have not been favorably impressed with Sapling clover, and ask for the experience of others on the same If there is any driving to be done, drive subject. I agree with you that it is not

markably well if you will only mix the skimmings with shorts.

Mr. Folger—I tried an experiment of that kind with twelve hogs, averaging 125 [bs.; 1] fed them three weeks with skimmings, and the result was 50 [bs. to the hog in that three weeks—600 [bs. difference in the weight; they averaged 175 [bs., at the close of the three weeks.—600 [bs. difference in the weight; they averaged 175 [bs., at the close of the three weeks.—600 [bs. difference in the weight; they averaged 175 [bs., at the close of the three weeks.—600 [bs. difference in the weight; they averaged 175 [bs., at the close of the three weeks.—600 [bs. difference in the weight; they averaged 175 [bs., at the close of the three weeks.—600 [bs. difference in the weight; they averaged 175 [bs., at the close of the three weeks.—600 [bs. difference in the weight; they averaged 175 [bs., at the close of the three weeks.—600 [bs. difference in the weight; they averaged 175 [bs., at the close of the three weeks.—600 [bs. difference in the weight; they averaged 175 [bs., at the close of the three weeks.—600 [bs. difference in the weight; they averaged 175 [bs., at the close of the three weeks.—600 [bs. difference in the weight; they averaged 175 [bs., at the close of the three weeks.—600 [bs. difference in the weight; they averaged 175 [bs., at the close of the three weeks.—600 [bs. difference in the weight; they averaged 175 [bs., at the close of the three weeks.—600 [bs. difference in the weight; they averaged 175 [bs., at the close of the three weeks.—600 [bs. difference in the weight they averaged 175 [bs., at the close of the three weeks.—600 [bs. difference in the weight they averaged 175 [bs., at the close of the three weeks.—600 [bs. difference in the weight they averaged 175 [bs., at they averaged 175 [bs., at

and the Northern power, will have be an early the control of Northern power and the control of the Northern power and the control of the Northern power and the control of the Northern power and the Northern

## Che Shepherd.

Edited by R. M. Bell, Summerville, Texas county, Mo., to whom all matter relating to this department should be addressed.

### Grub in the Head.

I have a flock of Shropshire sheep and they are dying with grub in the head. Can some one of your experienced flockmasters tell me how to cure it?

Н. М. К.

Irving, Ill.

### The Dogs Again.

ED. RURAL WORLD :- I see much com plaint made by sheep-raisers in your State about the ravages of dogs among sheep. You have laws which, if all men were honest, would be some protection to the sheep; but as all men are not, and as the poor, shiftless, thriftless inhabitants own the most dogs and almost never pay any taxes, least of all on the dogs they own, and as these dogs are usually but poorly fed if at all, they have to range about the neighborhood for their living and are usually the ones that do the sheep-killing, I would suggest a law something as follows:

something as follows:

Tax dogs one or two dollars per head
per year for the benefit of sheep killed
by dogs, as is now done in many States;
issue badges to be worn on the collars of issue badges to be worn on the collars of the dogs paying the tax; make it the duty of constables and road-masters to kill all dogs not having paid the tax 30 days after it is due. Let it be tawful for anyone to kill any and all dogs not wearing such badge, when found off from the premises of its owner. Such a law would be simple, clear and I think effective, especially the last provision, which I have underscored, and which is the milk in that cocoanut. It would reach and exthat cocoanut. It would reach and ex-terminate the dogs that never pay the tax, yet are the very ones that do most of the sheep-killing. This is what sheep-men want, and I think it would be a blessing to the whole country. E. A. REIHL.

Alton, Feb. 12, 1883.

### Vermont Merino Breeders.

The annual meeting of the Vermont Merino Sheep-Breeders' Association was held at Middlebury, Vermont, Wednes-day, Jan. 10, 1883. The following were elected officers for the year: President—Milo B. Williamson, Mid-dlebury.

dlebury.
Vice-Presidents—T. Brookins, East
Shoreham; Sam'l James, Middlebury.
Treasurer—V. Rich, Richville.
Grandaty—Albert Chapman, Middle-

bury.
Directors—Cyrus Jennings, Hubbardton; Fred. H. Farrington, Brandon; H. C. Burwell, Bridport; John H. Sprague,

C. Burwell, Bridport; John H. Sprague, Vergennes.
Qommittee on Pedigrees—J. J. Crane, Bridport; H. S. Brookins, Richville; W. R. Remele, Middlebury.
All of them, with one exception, were re-elections. The report of the secretary shows that the year past has been a very prosperous one for the association; 290 new members were added during 1882, making in all about 1,020 members. The cash receipts during 1882 were \$3,663.83; the running expenses, \$2,926.86; advanced toward second volume, now in advanced toward second volume, now in press, \$500; which, added to the running expenses, makes a total of \$3,426.86, leaving a balance to be added to the treasury—the present amount in the treasury—the present amount in the treasury being \$2,684.64. The membership fees for all but new members, amounting to \$1.450, were remitted at the annual meeting last year, and again this year, amounting to \$2,040. This is a practical dividend for the two years of about \$3,500. The salary of the secretary was fixed at \$2,500 for 1883. During 1882 there were shipped to other States from the station at Middlebury over seven thousand Merino sheep for breeding purposes, being more than a thousand more than in 1881. The second volume of the register has been unexpectedly delayed, but is now being printed and will soon be ready to be delivered.

Sheep in the Barn-Yard. advanced toward second volume, now in

ble and inhuman practice. But this note is a plea for the sheep especially. There are too many farmers who think sheep can live on nearly nothing. A bite of straw and no water, or a few dry stalks of fodder and a run to the straw stack, is considered choice care for sheep. We know of a farmer who saw others doing well with sheep. He bought a nice lot of Cotswold ewes, in the fall, as he had an abundance of fodder and lots of straw. The sheep were fat and in good fix when he turned them into his barn lot, 50x150, with a half a dozen cows and as many sows. There was not a dry spot in the sows. There was not a dry spot in the sows. There was not a dry spot in the feet. As a useful purgative for pigs we sows. There was not a dry spot in the most of the winter and spring, except the sorted and mixed with the food. Nitre with a half a dozen cows and as many sows. There was not a dry spot in the lot most of the winter and spring, except close around the stack, and that the cows

sheltered places was frozen and washy. The dogs came to their relief and ended

The dogs came to their relief and ended their torture the latter part of April.

Now, that farmer says there is no money in sheep. We told him he had more in than he would ever get out until he learned how to care for them.

We think it is safe to say sheep should ever be kept in the barn-yard among

er stock. Left to rough it around a straw-stack and wade in the mud, they are the least profitable.

are the least profitable.

The fleeces of any sheep are badly injured around stacks. Long-wooled fleeces are more damaged than the downs or fine wools, since they are longer and more open, and catch more beards, chaff

We advise farmers who have no dry lot or shed for such sheep, to sell in the fall and quit the business until they are better fixed or have learned more about the nature of the stock they would han-

There are few farmers who can handle

The Shropshire is a mutton breed and producer of what is known as clothing or delaine wool. This sheep is possessed of strong constitutional vigor, produce a compact fleece, mature early, and have a beautiful form. It is claimed that they will do excellently well in large flocks, and the ewes are very prolific, producing, it is said, 40 per cent of twins. The ewes make good mothers, giving plenty of milk, and are careful. Those who have tried them speak of them in unbounded praise, and it is the opinion of even some the breeders of other kinds of sheep that the Shropshire is worthy of sheep that the Shropshire is worthy of a place among the best.

FEEDING SHEEP IN WINTER.—An excellent grain ration for breeding ewes may consist of one pint daily of a mixmay consist of one pint daily of a mixture of one bushel each of corn, rye, coats, buckwheat and bran. The mixed food is better for the sheep than any one grain, and they do not tire of it. Sheep are given to change and are somewhat restless in disposition, and desire a change of food, and the change improves their appetite. For fattening sheep corn and bran would be the best because fat is wanted, and this the corn will supply; bran is added to make variety and to inis wanted, and this the corn will supply; bran is added to make variety and to induce the sheep to eat and digest more of the corn. A fattening animal does well in proportion to the quantity of food it can be induced to consume and digest, but a breeding animal should be fed differently, because all that is required is to keep the animal in healthful condition and support the fœtus.—Farmers' Advocate.

## The Pig Pen.

### Meat Hogs.

The present high price of hog products of all sorts, and its prospective continuance through another year, makes it wise in every farmer to kill this winter every pig that can be made to weigh from eighty to a hundred pounds. Even under ordinary circumstances it is not good der ordinary circumstances it is not good policy to carry over hogs till they are eighteen months or two years old. A nine-months pig that will net 150 pounds of pork makes cheaper bacon than an eighteen months or a a two year old hog that will make 200 or 250 pounds. According to our own experience, pigs littered about the first of March and butchered about the next December or January make the cheapest and best meat for ered about the next December or January make the cheapest and best meat for family use. They have then lived through only a part of the winter season. A very good rule is to kill every thing that will weigh 80 pounds, excepting a sufficient number of breeding animals. This rule is also applicable to cattle that may be in good condition for beef at the beginning of winter and are of no special value as milkers. A very common practice with dairymen at the north is to "dog off" a cow of only ordinary milking qualities and convert her into beef. It is certainly poor management to let a cow or hog once fat become poor.

sows. The winter and spring, to the winter and spring, close around the stack, and that the cows and sows usually occupied, while the poor sheep were pictures of discomfort, standing humped up where they could are called distemper, many of those of against fences. In a few weeks their fleeces were ruined, and the sheep poor, not worth one-half their cost in the fall.

The plurality of diseases in the pig called cholera. Moderation in feeding, and perhaps an occasional dose of mediand perhaps an occasional dose of mediant statements. The farmer put them out to pasture the list of April. Some of them scoured, all of them moped about hungry and weak, since the little grass that appeared in the sheltered places was frozen and washy.

## The Hog of the West.

Before the National Convention in Vashington this week, Dr. Ezra Stetson, of Neponset, Ill., long one of the mossuccessful breeders of swine in the Wes successful breeders of swine in the West, read a paper upon in The Hog of the West," of which the following is a part:
All intelligent breeders know how easy it is, at this day to mould the size, shape, and fettening qualities of swine.

flesh and fat at any age. Furthermore should possess a quiet and peaceful disposition. Even a hog has a disposition, and, breed out as many devils as we may, a hog he is and a hog he will always remains a hog he is and a hog he will always remains main

In the West all of the breeds of im proved white hogs of England have had their advocates, have been thoroughly tried and discarded. The same may be said of the white breeds said to have originated in America, as the Chester Whites of Pennsylvania and the Victo-rias of Indiana. The Jefferson County hog of New York is simply the improv

There are few farmers who can handle successfully all classes of domestic animals. Let each give his best efforts to the kind he succeeds best with. It is quite desirable that the farmer, like any other business man, should know what branch of his business he fails in, and what he may succeed with. The farmer who thinks he can make sheep pay in a muddy barn-yard, around a straw-stack, does not realize how little he knows about a sheep.—Woot Grower.

The Shropshire is a mutton breed and producer of what is known as clothing or delaine wool. This sheep is possessed of strong constitutional vigor, produce a compact fleece, mature early, and have a beautiful form. It is claimed that they will do excellently well in large flocks, and the ewes are very prolific. purposes. We all remember Peter Pin-dar's razors which were made only to dar's razors which were made only to sell, and then not on the open market. The Berkshire breed has been improved by crossing with the Essex, and the Essex improved by crossing with the Neapolitan, and the Neapolitan in turn by the Turkish. Unless most carefully bred, as well as fed, the Berkshire will in a few generations revert to the Neapolitan, with no hair and no wool. The disposition of the Grand Turk never has been and never can be eradicated. and never can be eradicated.

### Hog Notes

The practice with many of discarding The practice with many of discarding old sows, and filling up from the young litter, is very unwise, provided the dams are of equal merit and breeding with the pigs. If, however, a young sow be kept till she is a year old, well fed in the meantime, before being bred, she will bring as strong and growthy pigs as the older sows. The notion that a sow should be bred early, that she should become a good suckler, is erroneous. Marvity pe pred early, that she should become a good suckler, is erroneous. Maturity in growth of the whole body is quite necessary to the development of the milk glands, and, as we have proved to our own satisfaction by sufficient tests, the well nourished sow, dropping her first litter at sixteen months, will, as stated, bring as good pigs as the older sows, and is quite as likely to have an ample supply of milk.

I have seen salt fed to hogs for more than fifty years, and in the last twenty years have fed many heavy hogs, ranging from 300 to 600 pounds net. I fed them all liberally with salt; have never lost one nor has one been sick an hour. These hogs have been fattened in a close pen, and their principal food was corn meal made into a dough. This deapth I pen, and their principal food was corn meal made into a dough. This dough I have salted at least once a day. Sometimes my hogs would fail to clean out their trough, in that case I would put a handful of salt into my bucket, with some water, pour it into their trough, and they would lick it up with much relish. In addition to the salt, I feed coals from the stove. I make it a regular custom to feed coal, and it is astonishing what a quantity a hog will eat, and how healthy and robust it will make him. Let the hogs have plenty of salt and a charcoal, and we shall hear less of the cholera.—Southern Farmer. cholera. - Southern Farmer

about \$3.500. The salary of the secretary was fixed at \$2.500 for 1883. During 1882 there were shipped to other States from the station at Middlebury over seventhousand Merino sheep for breeding purposes, being more than a thousand more than in 1881. The second volume of the register has oeen unexpectedly delayed, but is now being printed and will soon be ready to be delivered.

Sheep in the Barn-Yard.

We see many farmers who keep cows and young cattle, colts, sheep and swine, big and little, all in the same barn lot, and expect the caitle and sheep and colts to make their living from the straw stack, we want to record our vote against such an abomination. It is a most unprofitable and inhuman practice. But this note is a plea for the sheep especially. There are too many farmers who think sheep can live on nearly nothing. A bile of straw and no water, or a few dry stalks of fodder and a run to the straw stack, is played.

there were on farms, in June. 1880, 47,-683,951 hogs, the rate of increase since 1870 being ninety per cent., while the rate of increase in population during the same time was only thirty per cent. The census returns show also that nearly two-thirds of the hogs in the United States in 1880 were in the five States of Iowa, Illinois, Missiouri, Indiana and Ohio. With facts and figures such as these at hand it is not surprising that the live-stock and agricultural papers, parlive-stock and agricultural papers, par-ticularly that of the West, should devote ticularly that of the West, should devote more attention than formerly to swine husbandry, and that public records of breeding stock should be established and sustained; nor, on the other hand, that all parties interested in swine breeding should more eagerly avail themselves of every means calculated to aid in the successful prosecution of this work.—Breeder's Gazette.

Swine, perhaps, come more near to being the every-day, always available stock of the farmer, than any other species of domestic animal intended for the shambles. With cattle or sheep he may have successful breeders of swine in the West, we shape should never be kept in the barn-yard among other stock.

If the farmer has no other lot for them in winter, he is not fixed to keep sheep. He might as well try to make his potato and garden truck thrive in a stock lot.

Sheep need, first, a clean dry 'place to ile down. They need a place to exercise, where there is no mud. They will not thrive in the mud, feed as well as one may. Long wools are especially impatient of mud and discomfort. They need better care than common sheep or fine wools.

After good Cotswolds, comfortably kept. pay a better percent. than any other species of swine in the West, of the Hog of the West, of the Hog on Hog of the West, of the Hog of the West woorthree years for a full render of the Hog of the West two or three years for a full render of the Hog of the West two or three years for a full render of the Hog of the West two or three years for a full render of the Hog of the West two or three years for a full render of the Hog of the West two or three years for a full render of the Hog of the West two or three years for a full render of the Hog of the West two or three years for a full

onstitution with an aptitude to take on cash yearly, and pays, when properly esh and fat at any age. Furthermore bred and cared for, better dividends than

America has on her border a little State, fossiliferous if not fossil, which is now trying to come to the fore with its red hogs. They are genuine descend-ants of the old Tamworths or Berkshires of a time long gone. No claim has ever been or ever can be made that this breed has been improved—this can be brough about only by their examination. They are a relic of a bygone age, and an ex-emplification of the old truth that histoy repeats itself. In my boyhood days hese hogs were uncommon, and they ook to me like an untimely resurrection. This swine of the West at the present

This swine of the West at the present time and, it is reasonable to predict, also of the future, are largely of the breed now known as Poland-China—a name as uncouth and outlandish as can well be imagined; but if, as the poet tells us, a rose by any other name would smell as sweet, a hog may be none the worse because he is called by a bad name.

In the light of modern science, as well as of practical swine-growing, the origin

In the light of modern science, as well as of practical swine-growing, the origin of this breed is perfectly plain. At the beginning of this century, when the inhabitants of the fertile Valley of the Ohlo and its tributaries found they could raise corn (maize) in such quantities and so little labor they set themselves to work on a new factor for the utilization of their surplus grain. Converting this corn into whiskey and then drinking the whiskey was scarcely a consonance with the principles or religious tenets of a corn into whiskey and then drinking the whiskey was scarcely a consonance with the principles or religious tenets of a community of Shakers on the Miami River, at Union Valley, in Butler county, ohio. As early as 1816 a hog known by them as the Big China was taken by them from Philadelphia, and crossed on their then existing breeds. This is the first instance of which we have evidence of the sus Indiana Bood heing taken west of instance of which we have evidence of the sus Indicus blood being taken west of the Alleghany Mountains. At that time, and for some years after, Cincinnati was known as Porkopolis. The nearness of the market gave an impetus to swine-breeding, and urged the hog-breeder to seek to produce a breed which would make the greatest possible number of make the greatest possible number of pounds of pork to the bushel of corn. It was soon learned that the Butler County hog, as he was originally called, filled the bill.

## Che Poultry Pard.

### Now the Hens Lay

Having had ordinary care and feed during the Winter, the best hens will now begin to lay. Had their owners used ordinary judgment and made provision therefor, they would have done so to a considerable extent a month ago and every hen would have been paying her owner from two to two and a half cents per day.

Hens like other farm stock respond to care, attention and comfort, and the response is not a doubtful one either From twenty-five to thirty-five cents per dozen is now being paid in this city for eggs, and spring chicken will at a very early day sell for at least fifty cents per

With these facts and figures in mind, is it not evident to every farmer and to every farmer's wife that it pays to keep and care for poultry as well if not better than for any other kind of farm stock when the labor involved and the capital invested are considered.

Just now the flocks may be fed all the

Just now the flocks may be fed all the Just now the flocks may be fed all the scraps from the kitchen, all livers, lungs and other offal from slaughtered animals. Indeed pretty much anything that will take the place of the insects they gather in Summer. Many such things may be cooked, indeed the bulk of them ought to be to avoid scouring, which is pretty sure to ensue if too much raw meat is fed. In the mess may be judi-

The earliest chicks are generally the finest and best and have the greatest vitality, hence are utilized for breeding stock the coming year.

BREEDING GEESE.—In breeding geese the surplus goslings are killed off every year. None need be saved for wintering and breeding except it may be well to keep one or two fine geese to take the place of old birds, killed or hurt by some accident. Geese lay regularly, breed and rear their goslings well for fifty or eighty years and, it is said, they grow tougher every year. So if one has a good breeding goose, one which does her own duty well, and is reasonably peaceful toward other inhabitants of the farmyard, it is best to keep her for years. Sometimes a other inhabitants of the farmyard, it is best to keep her for years. Sometimes a goose will be very cross, killing ducklings and chickens, attacking children, etc. Such a one is a fit candidate for the spit. Ganders are generally much worse, and usually one more than five or six years old becomes absolutely unbearable. So provision is paturally, reade, to So provision is naturally made to re-place the old ganders every three or four years. It is besides necessary to do so, years. It is besides necessary to do so, for though a young gander will attend four geese very well, an old one confines

FEEDING FOR EGGS.—If the fowls are fed more than they will eat up quickly, they become too fat, and will cease laying. Give them as much as they will ea eagerly, and no more. Scalded meal bran and mashed potatoes form an excellent meal for the morning feed. feed of corn or other grain should be

FLIES AND BUGS .- Flies, roaches, ants bed-bugs, rats, mice, gophars, chip-munks, cleared out by "Rough on Rats." 15c.

## Know

That Brown's Iron BITTERS will cure the worst case of dyspepsia.

Will insure a hearty appetite and increased digestion.

Cures general debility, and

gives a new lease of life. Dispels nervous depression and low spirits.

Restores an exhausted nursing mother to full strength and gives abundant sus-

tenance for her child. Strengthens the muscles and nerves, enriches the blood.

Overcomes weakness, wakefulness, and lack of energy

Keeps off all chills, fevers, and other malarial poison.

Will infuse with new life the weakest invalid.

37 Walker St., Baltimore, Dec. 1881.
For six years I have been a great sufferer from Blood Disease, Dyspepsia, and Constipation, and became so debilitated that I could not retain anything on my stomach, in fact, life had almost left me, my husband seeing Brown's Ikon Birrsus advertised in the paper, induced me to give it a trial. I am now taking the third bottle and have not felt so well in six years as I do at the present time.

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A large proportion of the diseases which cause human suffering result from derangement of the stomach, bowels, and liver. AYER'S CATHARTIC FILEs act directly upon these organs, and are especially designed to cure diseases caused by their cerangement, including Constipation, Indigestion, aliments, for all of which they are safe, sure, aliments, for all of which they are safe, sure, prompt, and pleasant remedy. The extensive use of these PILLS by eminent physicians in regular practice, shows unmistakably the estimation in which they are held by the medical profession. These PILLS are compounded of vegetable substances only, and are absolutely free from calomel or any other injurious ingredients.

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W. L. PAGE, of W. L. PAGE & Bro."

to speak in their praise, and I always do so when scension off. W. L. PAGE, of W. L. PAGE & Bro."

Franklin St., Richmond, Va., June 3, 1872.

The REV. Francis B. Harlowe, writing from Atlanta, Ga., says: "For some years past have been subject to constipation, from which, in spite of the use of medicines of various kinds, I suffered increasing inconvenience, until some months ago it began taking Ayers Frills. They have entirely corrected the costive habit, and have vasuly improveded the costive habit, and have vasuly improved the continuation of the bowels, stimulate the appetite and direction, and by their prompt and thorough continuing the prompt and thorough comparison of the bowels, stimulate the appetite and direction, and by their prompt and thorough comparison of the bowels, stimulate the appetite and direction, and by their prompt and thorough economy.

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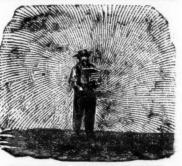


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THE BEST IN THE WORLD.

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The "ACME" subjects the soil to the action of a Crusher and Leveler, and to the Cutting, Lifting, Turning process of double-rows of STEEL COULTERS, the peculiar shape and arrangement of which give immense catting power. Thus the three operations of crushing lumps, leveling off the ground, and thoroughly pulverizing the soil are performed at one time. The entire absence of Spikes or Spring Teeth avoids pulling up rubbish, is especially adapted to the inverted sod and hard clay, where other Harrows utterly falls works perfectly on light soil, and is the only Harrowfor Cultivator that cuts over the entire surface of the ground.

Highly commended by scientific and practical Farmers, many of whom pronounce it to be the most valuable recent improvement in farm Machinery, while

All agree that "The judicious use of an implement like the "ACME" Pulverizing Harrow Clod Crusher and Leveler, in the "preparation of the Soil, before planting, will increase the "yield from Five to Ten Dollars per Acre."

FAIR PLAY. If your dealer does not keep the "ACME" for sale, don't let him palm off an inferior tool on you by assuring you that he has something better, but SATISFY YOURSELF by ordering one ON TRIAL. We will send it on trial, and if it does not suit, you may send it back, we paying return freight charges. We don't ask for money or Note until after you have tried it on your own farm.

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## Corticultural.

### Southern Illinois for Peaches.

Parker Earle in the Farmer and Fruit-Grower says: In response to your request I submit a few suggestions as to the adaptation of Southern Illinois for peach growing. Your older readers will remember that the great reputation of the State as a fruit district. remember that the great reputation of our part of the State as a fruit district, was first made about twenty years ago, on the remarkably fine crops of peaches then produced. The first peach orchards about Cobden were planted some twenty-five years ago; and it is safe to say that the earlier crops from these trees were never surpassed for size, beauty, and excellence of quality, by the same varieties of fruit grown any

entire train loads.

But it soon became apparent that we had overdone the business. The markets we could reach with our peaches in good condition were much fewer and smaller than they are to-day, and they were over-supplied. Prices were low for severst years, and instead of the fortunes which seemed to be promised when the orchards were planted, growers made scarcely living profits. Discouragement took the place of enthusiasm; neglect followed; insects multiplied; hard winters came; the trees became enfeebled; the business became demoralized; and to-day this famous peach region produces only about a tenth of the amount it did a dozen years ago; while the available markets have increased four-fold.

Our experience in this matter has not differed materially from that of other

fruit-growing communities. The producers of all very perishable crops always have been and always will be subject to serious fluctuations of fortune. This inheres in the nature of such a business. Very high occasional prices stimulate exvery high occasional prices stimulate excessive production; prices go below a
paying figure, the mass of producers
turn to some other business; and so the
great waves of production ebb and flow.
Strawberry culture has had a similar history among us, two or three times repeated. We have learned that there is
n all things a limit to profushle producin all things a limit to profitable production. The orange planters of Florida are just now in the same stage of towering enthusiam which controlled the peach men of twenty years ago. They say, and undoubtedly believe, that the orange market can never be over-supplied. But time will demonstrate the foolishness of this fancy, if planting goes on long at the present rate.

But what is the outlook for Southern

The cold weather which prevailed over the country about the 10th ult., was marked with various degrees of severity in different localities, from zero to thirty or forty below. In very rare instances we have known a portion of the peach crop to escape destruction when the thermometer had come to seventeen determined to the country of the country and the surplus above and have known a portion of the peach crop to escape destruction when the thermometer had come to seventeen deor be escape destruction when the thermometer had gone to seventeen degrees below zero, but more commonly all have been killed at twelve below. When, therefore, the thermometer went to twelve below at Union Springs, N.Y., on the morning of the 10th, we began to cast about to see what other fruits could be made to take the place of peaches the coming season, and were agreeably surprised since to find on examining one or two hundred buds, that not more than one-seventh had been fatally injured, the remaining large portion being fresh and entirely unharmed. There was very little difference in the sorts examined,



and no preference could be discovered in the buds on large, stout shoots, or on small and slender ones, or on exposed or sheltered sides of the shoots. The only exception was in the case of the Early exception was in the case of the Early or thick bud them to the the only section of the State that survived which had them to continue to the same of the Crawford, which had about one-third of trawford, which had about one-third of the buds killed, but this may have been owing to peculiar aspect, the tree stand-ing on the west side of a building. A reason for the unusual escape of the buds was doubtless the continuous cold weath-er which has prevailed since the close of autumn, and which has prevented the buds from swelling and becoming more attumn, and which has prevented the buds from swelling and becoming more susceptible to injury. We never saw them less swollen at this time of year; in some years they have been found twice as large, and when this has been the case, a cold of eight orten degrees below zero has killed nearly all. Should severral warm days still occur, followed by as severe a temperature as we have already severe a temperature as we have already had, we should probably lose the entire crop. These remarks apply to a single locality only, and only a few miles distant varying results are often observed. The danger still continues for some weeks, but after the first of March we have never known the crop to be destroyed, except in a single instance, about the sixth of that month.—J. J. Thomas, in Country Gentleman.

### Planting Apple Orchards

So much attention has of late years been given to the delicate fruits such as pears, grapes, etc., that the planting of apple orchards has in some places been placed in the background. Apple trees are more easy to raise and more rapid of market can never be over-compiled. Sing this farge, it plunting geom on one of the property of the sense of the property of th growth and yield more abundantly than pear trees; they are less liable to blight, and comparatively little skill is required

berry and apple crop everywhere will probably be as large as the average supply, for the only serious danger to them is that of a hard freeze in Spring.

The time for spring work is fast ap-The time for spring work is fast approaching, and every farmer should see that implements are in shape. If a plow needs sharpening, now is the time to get it done. See that everything is in readiness, so that when spring comes, all delays will be avoided. One day in the spring is worth a half dozen now to the farmer.

The Women's Silk Culture Association of the United States have, it is stated, been making a thorough test of silk raisbeen mak

The clusters of eggs that may be found on apple tree limbs should be picked off during open weather in the winter, and thus prevent the hatching of the tent caterpillar. The eggs appear to be varnished, but such is not really the case, since a slight coat of varnish or oil would destroy their vitality by excluding the

The chestnut is a tree which a writer advises Americans to plant. It grows more rapidly than the oak, and the timber is equally valuable, and the units are always in demand. When gathered for planting they should be covered with sand or placed in the ground before they get hard and dry. They should be sown deeper than acorns, say from two to three inches."

Men have gone from the farm into places of trust, the highest to be found in the government of a great nation. From the cabin of the West, from the tow-path of the canal, the greatest men of the age, have gone to the highest positions. These

A. M. Purdy says: Persons who have glass houses will gain much with high-priced new sorts of strawberries, raspberries, black currants, grapes, etc., by starting them early in such, and when settled warm weather comes on, transfer them from the pots with the earth to the open ground. In this way, they will make a much larger growth, and give double the increase of plants and roots next season, than if set out-doors late in Spring. A dozen new kinds of strawberry plants started in a green-house or hot-larger and they rank: "De started in a green-house or hot-larger and they rank: "De started in a green-house or hot-larger and they rank: "De started in a green-house or hot-larger and they rank: "De started in a green-house or hot-larger and they rank: "De started in a green-house or hot-larger and they rank: "De started in a green-house or hot-larger and they rank: "De started in a green-house or hot-larger and they rank: "De started in a green-house or hot-larger and they rank in the started in a green-house or hot-larger and they rank in a mount of reconstruction and they for the started in a mount of reconstruction and they for the price of th

It is urged that "an almost universal fault on farms and in gardens is a want of care as to keeping tools in working order. Pruning knives and shears are laid aside with the gum or wet sap upon them, and without oiling; and when next wanted they work stiff, cut badly, and the effort to use them strains the joints or that they are alwest receives. so that they are almost useless, while with slight, timely care they would do perfect work for a life-time. In some light, adhesive Westernsoils it becomes an ngnt, adhesive Westernsoils it becomes an absolute necessity to keep plows bright, or they cannot be used a second time at all. A pot of lard or oil, with a little resin disolved in it, affords these an ever-lasting varnish, which, applied to the surface, polished by use, keeps it bright for any length of time by excluding air and moisture. In heavier soils it suffices to wipe the surface till clean and dry; and two or three strips of old, rue, and the surface till clean and dry; and two or three strips of old, rue. dry; and two or three strips of old rug should be hung at every tool-house door for that important use."

Robert Buist, Jr., of Philadelphia, says of potatoes: "If you wish large, well-formed roots do not plant small ones; always select the best, cut them into four or six pieces, according to size, preserving as many eyes on each as possible. You will then have strong, healthy vines and roots. If small tubers are planted whole, the result in general is a quantity of small vines, followed are planted whole, the result in general is a quantity of small vines, followed with an over-proportion of small potatoes. Many cultivators in this vicinity select good, formed tubers and plant them whole. This may be an advantage should the season prove to be very dry, but I look upon it as a great waste of seed, since the product from such a crop is no better than that grown from well-

been making a thorough test of silk raised on the Osage orange leaves, and their manufacturers testify that the quality of the silk is equal in all appearance to the Italian silk. Also that they see no difference in the dyeing and weaving from other silk. Osage orange is so plentiful in all parts of the United States, the plant having long been used extensively as a having long been used extensively hedge plant and being of rapid growth, that many persons will be enabled by it to engage in silk culture who could not were they obliged to depend on mullberry for food for the worms. The hatching of the eggs can be kept back until leaves are ready by keeping them at a tolerably uniform temperature of from forty to fifty degrees.

No farmer can afford to get along with-out a patch of land devoted to the culti-vation of blackberries, raspberries, currants, grapes, strawberries, etc. A good idea is to have a fruit garden near the house, where it may be of easy access to the women folks, and let it contain a few early apple trees, several kinds of cher-

The next on the list is "plums." Of NEW RICH BLOOD The next on the list is "piums." Of these varieties we have a limited number. I will name them in the order as they rank: "De Soto," "Minet," "Lombard," and some say "Wild goose." The De Soto is the earliest variety, and the sweetest, and I think the most profitable to raise.

performed on twelve rows of grapes. The enlarged and early fruit sold for \$36 more than the same amount of the common or main crop, the labor being less than half this sum. No injury has been apparent to the vines so treated, the girdled canes being cut away when done with. If, however, many surplus canes were girdled on a vine, an obvious injury would doubtless be the result."

Gurcuit Response the kine of the vines of grapes. The curcuito to fight. They know what good fruit is, as well as some agents, and are not half as deceiving about it. I find it a good plan to take dry ashes and scatter of the trees about twice a week for four weeks from the time the blossoms begin to show. This you will find a good remedy and about as successful as well as some agents, and are not half as deceiving about it. I find it a good plan to take dry ashes and scatter of the trees about twice a week for four weeks from the time the blossoms begin to show. This you will find a good remedy and about as successful as well as some agents, and are not half as deceiving about it. I find it a good plan to take dry ashes and scatter of the trees about twice a week for four weeks from the time the blossoms begin to show. This you will find a good remedy and about as successful as well as some agents, and are not half as deceiving about it. I find it a good plan to take dry ashes and scatter over the trees about twice a week for four weeks from the time the blossoms begin to show. This you will find a good remedy and about as successful as not half as deceiving about it. I find it a good plan to take dry ashes and scatter over the trees about twice a week for four weeks from the time the blossoms begin to show. This you will find a good remedy and about as successful as any. These varieties I have mentioned will grow where apple trees will.—Geo. W. Garrett, Roscoe, Ill.

## Che Fish Pond.

### Construction of Carp-Ponds.

In the following way, five of my carp-ponds are constructed, which are sup-plied only with surface water. Last sumponds are constructed, which are supplied only with surface water. Last summer the water in these was as pure and clear as that of a fine lake. This was owing to their being well stocked with carp. A dam is thrown across the lower er end of a hollow; the dams are made entirely of soil or earth; this is the best material to make a dam of, and is also the cheapest. The sides of the dam should have a slope of at least 45 degrees. I do not use any stone or wood (except on overflow or drain) on this kind of a pond. I try to have no stones nor pieces of wood lying around near the ponds, for these are only places of shelter for some of the enemies to the fish, and an inducement for snakes, crawfish, etc., to harbor near the ponds. The deepest part of the pond should be at least eight feet; then it should run out shallow on the sides all around, or as much so as possible. It is better to have the shallow places in the pond on the north and west sides; here the sun will strike the water early in the day, and if shallow, will warm it up quicker. The carp will always be found in the part of the pond where it is warmest; here they find most of their nourishment, and it is in the warm, shallow places where most nourishment is produced, such as insects, etc. Toward the cool part of the day or evening, the earp retire to the deeper parts of formed tubers cut into sets."

The Women's Silk Culture Association of the United States have, it is stated, been making a thorough test of silk raised on the Osage orange leaves and their

and so do the insects that were natched or bred during the day.

There should be no gravel or stone in the deepest part of the pond. Spade up well the bottom of a new pond before the water is let in. Have as much sur-face water flow into the pond as possible; more nourishment is in this than in spring water, especially when it flows from pustures.

There should be a ditch around a carppond, so that the water that comes from the melting of snow can be run off, as too much snow water let into a carp-pond will sicken and often destroy the

During winter, one or more large bundles of rye straw should be placed upright in the water, in this kind of a pond. This will leave air-holes in the ice, and

then it is not necessary to chop holes in the ice when the pond is frozen over. Carp-ponds should be constructed in such a way that the water can be drained such a way that the water can be drained from them entirely. This is necessary when the fish are to be taken from them for market, etc., or when you wish to clean out the pond of too much accumulated mud, etc. This mud makes an excellent fertilizer for meadows, etc.—
Farm and Fireside.

Decline of Man.—Nervous Weak-ness, Dyspepsia, Impotence, Sexual De-bility, cured by "Well's Health Renew-er." \$1.

A NOTED BUT UNTITLED WOMAN.



The above is a good likeness of Mrs. Lydia E. Pink ham, of Lynn, Mass., who above all other human beings may be truthfully called the "Dear Friend of Woman," assome of her correspondents love to call her. She as some of her correspondents avertocan as a sea loady devoted to her work, which is the outcome of a life-study, and is obliged to keep six lady assistants, to help her answer the large correspondence which daily pours in upon her, each bearing its special burden of suffering, or Joy at release from it. Hor Vegetable Compound is a medicine for good and not will purposes. I have personally investigated it and materials of the truth of this.

am satisfied of the truth of this.

On account of its proven merits, it is recommended and prescribed by the best physicians in the country.
One says: "It works like a charm and saves much pain, it will cure entirely the worst form of falling of the uterus, Leucorrhoa, irregular and painful Menstruation, all Ovarian Troubles, Inflammation and Ulceration, Floodings, all Displacements and the consequent spinal weakness, and is especially adapted to the Change of Life." the Change of Life."

sequent spinal weakness, and is especially adapted to the Change of Life."

It permeates every portion of the system, and gives new life and vigor. It removes faintness, flatulency, destroys all craving for stimulants, and relieves weakness of the stomach. It cures Bloating, Headaches, Nervous Prostration, General Deblitty, Eleophesaness, Depression and Indigestion. That feeling of bearing down, causing pain, weight and backache, is always permanently cured by its use. It will at all times, and under all circumstances, act in harmony with the law that governs the female system.

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For Kinney Complaint of either sex this compound is unsurpassed as abundant testimonials show.

"Mrs. Pinkham's Liver Pills," says one writer, "are the best in the world for the cure of Constipation, Billousness and Torpidity of the liver. Her Blood Purifier works wonders in its special line and bids fair to equal the Compound in its popularity.

All must respect her as an Angel of Mercy whose sole ambittion is to do good to others.

ambition is to do good to others.

Philadelphia, Pa. (3) Mrs. A. M. D.

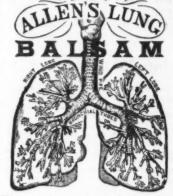
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are never imitated or counterfeited. This is especially true of a family medicine, and it is spositive proof that the remedy imitated is of the highest value. As soon as it has been tested and proved by the whole world that Hop Bitters was the purest, best and most valuable family medicine on earth, many imitations sprung up and began to steal the notices in which the press and peopie of the country had expressed the merits of H. B., and in every way trying to induce suffering invalids to use their stuff instead, expecting to make money on the credit and good name of H. B. Many others started nostrums put up in similar style of H. B., with various devised names in which the word "Hop" or "Hops" were used in a way to induce people to believe they were flee same as Hop Bitters. All such pretended remedies or cures, no matter what their style or name; and especially those with the word "Hop" or "Hops" in their name or in any way connected with them or their name, are limitations or counterfeits. Beware of them. Touch none of them. Use nothing but genuine Hop Bitters, with a bunch or cluster of green Hops on the white label. Trust nothing eise. Druggists and dealers are warned against dealing in imitations or counterfeits.

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The untold miseries that result from indiscretion in early life may be alleviated and cured. Those who doubt this assertion should purchase and read the new medical work published by the Peabody Medical Institute, Boston, entitled the SCIENCE OF LIFE; OR, SELF-PRESERVATION. It is not only a complete and perfect treatise on Manhood, Exhausted Vitality, Nervous and Physical Debility, Premature Decline in Man, Errors of Youth, etc., but it contains 125 prescriptions for acute and chronic diseases, each one of which is invaluable, so proved by the author, whose experience for 21 years is such as probably never before fell to the lot of any physician it contains 300 pages, bound in beautiful embossed covers, embellished with the very finest steel engravings, guaranteed to be a finer work in every sense—mechanical, literary on professional—than any other work retailed in this country for \$2.30, or the moneywill be refunded. Price only \$1.25 by mail. Gold Media Association. Illustrated sample sent on receipt of 6 cents. Send now. Address, PEABODY MEDICAL INSTITUTE, Or, DR. W. H. PARKER, No. 4 Bulfinch Stree 4, Boston, Mass. The author may be consulted on all diseases requiring skill and experience.

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617 St. Charles St., St. Louis, Mo., A regular graduate of two medical colleges, has been longer engaged in the Chronic, Nervous, Skin and Blood Diseases than any other physician in St. Louis, as city papers show and all old residents know.

Nervous Prostration, Debility, Mental and Physical Weakness, Mercurial and other affections of the Throat, Skin and Bones, Blood Impurities and Blood Poisoning, Skin Affections, Old Sores and Ulcers, Impediments to Marriage, Rheumatism, Piles. Especial attention to causes from overworked brain.

Consultation at office, or by mail, free and invited. A friendly talk or opinion costs nothing. When it is inconvenient to visit the city for treatment medicines can be sent by mail or express everywhere. Curable cases guaranteed; where doubt exists it is frankly stated.

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Elegant cloth and gilt binding. Sealed for 50c in postage or currency. Over fifty wonderful pen pictures, true to life; articles on the following subjects: Who may marry; why not; why? Proper age to marry. Who marry first. Manhood; womanhood. Physical decay. Who should marry. How life and happiness may be increased. Those married or contemplating marrying should read. It ought to be read by all adult persons, then kept under lock and key. Popular edition, same as above, with paper cover and 200 pages, 25 cents by mail, in money or postage.

to the great throng daily patronizing ly known establishment, gentlemen, be accommodated.

RANDOLPH & SMITH, Prosretors.

## COLMAN'S RURAL WORLD

BY NORMAN J. COLMAN.

PUBLISHED WEEKLY AT

## ONE DOLLAR PER YEAR.

ADVERTISING: 25 cents per line of space; re duction on large or long time advertisements.
Address NoRMAN J. COLMAN, Publisher,
600 Olive Street, St. Louis, Mo.
(Advertisers will find the RURAL WORLD one

of the best advertising mediums of its class in the country. This is the uniform testimony of all who have given it a trial. Many of our highest possible recommend as an advertising medium.)

Readers of the RURAL WORLD, writing 'to o they saw the advertisement in this paper.

### PREMIUMS FOR CLUBS.

In reply to inquiries whether we will offer premiums for large clubs we will say that we have concluded to open a premium list in which our friends can make such offers as if we did not return to one and all of which our friends can make such offers as they like in poultry, hogs, pigs, implements machines, nursery stock, and such articles as we have been in the habit offering in years past. Those wishing to aid in extending the circulation of the RURAL WORLD should send us letters stating what they will give. We will keep list standing, giving name and postoffice of donor and the article offered. Our subscribers can now go to work getting up clubs with the assurance that every large club maker will get a fine premium.

Chalmer D. Colman, Lakeside stock farm St. Louis, Mo., offers one pure Jersey Bull calf, from deep milking strains. L. W. Ashby, Calhoun, Henry Co. Mo., of

fers a fine Berkshire pig.
Ephriam Link, Greenville, Tenn., offers one half bushel of Link's Hybrid cane seed.

Thos D. Fox, Freeburg, St. Clair Co., Ills. offers as one premium one pair pure bred white Leghorn chickens and one setting of

Brown Leghorn eggs.

And for another premium the same party offers one pair pure bred brown Leghorn chicks and one setting of white Leghorn eggs —all to be packed and shipped as directed. Mr. H. V. Pugsley, Plattsburg, Mo., offers a

first class merino ram as a first premium.

Henry Schnell, Glasgow, Mo., offers 100 Cumberland Triumph, 1 doz. Manchester, 1 doz. Big Bob, and 1 doz. Jersey Queen Strawbefry Plants, the receiver paying express charges.

Miss Alice Fisher, of Summerville, Peoria
Co., Ill., offers for one of the premiums one setting of Pekin Duck eggs and one setting of

Plymouth Rock eggs.
Isaac F. Graves, of McKenney, Texas, will give a pure bred Essex pig, of either sex, to the first club of fifteen subscribers for the the tables are turned, for most of the RURAL WORLD, from the counties of Grayso Collin, or Dallas, in the State of Texas.

MEXICO, Mo., has a woolen factory, stocking factory and a kindling factory, and needs a creamery badly.

MRS. H. D. AYRES, wife of the wellknown breeder of Shorthorn cattle of Saline County, Mo., died after a lingering illness at Marshall on the evening of the 14th of February. Mr. Ayers' Kentucky and Missouri friends will sympathize with him in this great affliction.

Hon. A. M. GARLAND, late of the United States Tariff commission, paid us a pleasant visit last week, and has since paid us the compliment of sending to We can well afford to differ with such

INFLUENTIAL English journals feel somewhat gloomy over the agricultural prospects the coming season. The acreage of grain and crops generally in Great Britian and on the continent are considered lighter than last year. Procouraging.

THE Wisconsin Cane Growers' meeting at Madison last week, was a decided success. There was a large attendance, and over one hundred samples of syrup were exhibited and several samples of fine sugar. The business of making fine sugar. The business of making ranged from 50 to 75 cents apiece, and syrup and sugar will be largely increased in Wisconsin the coming season. J. A. Field & Co., of St. Louis, will publish a construction of the season; that shape, as well as size is an important requisite for marketable melans, are constructed in the great of the great full report of the proceedings.

THE final reports of the cotton crop for last season are all in. The department of agriculture puts the number of bales at 6,800,000. Texas heads the list with the greatest number of bales, 1,326,000. Mississippi, Georgia, Alabama, Arkansas South Carolina, Louisiana, North Carolina, Tennessee, Florida, Missouri, Virginia follow in the order named. This State is credited with 25,000 bales. The list of products that Missouri can't turn out is exceedingly small.

An humble fish dealer named Johnson in the Union market, this city, recently found himself the possessor of a somewhat worn silver half dollar which he could not dispose of. He went to the sub-treasury and here it was also refused and returned to its unfortunate owner. Mr. Johnson asked then if a great big government like this was going to impose on a poor man in this way refusing to redeem its own money that was not mutilated or otherwise injured by the holder. His remarks were unheeded.

was answered at once (Feb. 3d.) by the treasurer who said that the half dollar Rock, Ark., have just issued a new enclosed would be redeemed because monthly publication styled the Rural there was no injury to complain of save Southwest, at one dollar a year. These that arising from natural wear while in gentlemen are well qualified to make a that arising from natural wear while in circulation. He presented himself again at the sub-Treasury; armed with this important letter he got a polite hearing and of fellowship, and hopes their venture may be prosperous and profitable.

In reply to numerous inquiries for Northern cane seed we will state that we do not keep it for sale, and only know who do have it for sale by referring to islature have taken steps to abolish the our advertising columns, and they are only recently created State Board of Imopen to the inspection of all. The de- migration, the people of less favored mand is far in excess of any former year, states and countries, having heard of the and parties having any of the varieties productiveness of our soil and the large largest advertising patrons have used it for to sell, should advertise them. The seed and varied crops raised here, the cheapmore than a quarter of a century, which is the highest possible recommendation of its value and planters there have to get their seed from a more southern latitude. It is very their eyes turned hitherward and will important to start out with good seed, calling upon, any one advertising in our important to start out with good seed, columns, will do us a favor if they will say and no mistake should be made by planting bad seed.

> thousands of friends who have swelled from the St. Louis Republican: WE should be doing injustice to our if we did not return to one and all of them our profoundest acknowledgements for the kindness they have done us. To repay them in some slight degree for the control of the control their services, we have taken especial pains to furnish them with one of the neatest papers published. We use book paper, new type, the best of ink, the best entry, in Howell, Texas, Oregon, Camprinting press, and then paste together den, Pulaski, Benton, Shannon, Ripley, and cut the leaves so that one page is Wayne, Phelps, Stoddard, Madison, Boljust as good as any other page. If our linger, Butler, Dallas, Miller, Hickory, subscribers will continue to help us we Laclede and other counties in Southwest promise to continue to help them. The Missouri; but we cannot give a detailed addition of every new subscriber is a description of them. Inquiry may be help to us and we here desire to thank made at the United States land offices in every one who has sent only one; but to Boonville, Ironton and Springfield. those who have sent a large number our thanks are still more earnest. Keep up the good work throughout the year, securing every new name possible, and we will reciprocate by improving the matter and appearance of the farmers' own paper-the RURAL WORLD.

THAT the South is steadily progressing and enlarging its prosperity is becoming more manifest every day. It was only a few years ago that St. Louis used to be making a good deal of money shipping eggs to all the principal cities south of Missouri-especially to Memphis, Vicksburg, Mobile and New Orleans. Now, Southern States are not only furnishing their local markets, but also find it profitable to ship north a good part of the winter season. Eggs are very high in St. Louis at present, 28 cents to 30 cents per dozen, and we find most of the receipts are from Kentucky, Tennessee and Alabama. They have met with such encouragement here in this way the past season, that we look for much more extensive operations in this line in the future. This will be the great distributing centre for the southern shippers, as it is the principal market for the purchasers north of this.

THE state of Georgia is beginning to realize her resources and opportunities as a producer of fruits and vegetables this office a copy of the report of the New railroads and the increased facilities Commission. Mr. Garland is a very for reaching the many Northern markets conscientious and experienced man. have given a great boom to this industry in Southern Georgia, where half a dozen counties are interested. Last week there an acre of good land; that an average car-load of marketable melons of marketable size is 1,000; that the average profit on last year's crop was \$150 per car load; that the first melons of the season shipped by Mr. Eddie Young, of Quitman, netted him \$500—one car load, that the prices of melons in Louisville, Nashville and Chicago early last season ranged from 50 to 25 ons; that green and striped melons are the most popular, those with white rinds being rejected, it is supposed, on account of their resemblance to the old pie melon; that Mr. McRee cleared last year \$9,000 on one hundred acres of melons, and his yield per acre fell below that of any preyield per acre left below that of any pre-vious year since he has been engaged in the business; that the Louisville and Nashville Railroad offered better accom-modation and more reasonable rates to the fruit and vegetable growers last sea-son than any other road in the country, and that it will be liberally patronized this year; that the freight on a car-load of melons from Albany to Nashville last year was \$65; to Louisville, \$70; to Chicago, \$105; to Evansville and Indianapolis \$90.

Onion Culture: Prize Essays Thereon. A neatvolume of 80 pages published by D. Landreth & Sons, Philadelphia, Pa. Price 25 cents. This publication embraces 9 valuable essays by practical cultivators, and contains so much valuable information that everybody engaged in the cultivation of the onion, even on a small scale, should have it. Utah, North Carolina. Connecticut. Iowa, Missouri small scale, should have it. Utan, North Carolina, Connecticut, Iowa, Missouri, Massachussetts and Georgia are repre-sented by the writers, and outside of the information furnished regarding the cultivation, an interesting review of the inholder. His remarks were unheeded. He immediately addressed a letter to the U.S. Treasurer, Washington, asking that official if the government was going to redeem that half dollar—adding that the sub-Treasury here refused it. His letter letters were unheeded. He immediately addressed a letter to the dustry for the past 20 years is furnished. Cellery Culture: Prize Essays Thereon. Published by the same firm at 25 cents. The foregoing remarks will apply with equal force here. The treatment of the subject is similar, disclosing a great fund of valuable information.

may be prosperous and profitable.

### COMING TO MISSOURI.

Notwithstanding the fact that the wise and enterprising solons of our State Legness of our lands and the excellent social condition of our people, have got come to us in large numbers during the coming summer.

For the information of those who are thus minded, we publish the following

Will you please inform me through your paper whether there is any govern-ment land in Southwest Missouri or not?

A SUBSCRIBER. There are government lands subject to sale at \$1 25 per acre, or to homestead

## Notes-Correspondence.

—Can you or some of your readers tell me where I can get some red Artichokes and the cost per bushel?—W. P. R., Milan. Tenn.

Will some one of your many readers or orrespondents tell us which is the best barbed wire for feneing purposes?JAMES P. T., Moberly, Mo.

-I will send Mr. R. S. B. some Ber-muda grass to try in his climate free of charge if he will write to me about the 15th of April.-J. T. GOODWIN, Carrollton, Mo.

-H. M. C., of Kenosha, Wisconsin, will find letters in the RURAL WORLD respecting the lands, etc. of Missouri, from week to week .- ED.

-Can you tell me where I can —can you ten me where I can get a pair of Toulouse geese or a setting of their eggs, and the cost? I read of them in the RURAL WORLD and would like to What are the Embden get a start. What are the geese?—R. I. C., Dennis, Iowa.

-Where can I get a pair of Pekin ducks, and for how much?-G. W., New Madrid, Mo. See our advertising columns. We have

many applicants for the same fowl. -Have you pure-bred Black Breasted

Red Games? If so, how do you sell their eggs? I would like to buy them, but do not want to send too far, and want them at low figures.—W. H. M., Frolina, Mo. -Will you please tell me, through the RURAL WORLD, the cause of nightmare?

-A. H.Nightmare is caused by remaining so long in one position that the blood stag-

nates, or ceases to circulate.

tracted heavy rains, especially in December and January, added to the stormy and wet weather, up to date have conspired to render the outlook highly diseight head were sold to Mr. Page, of Los Angelos, Cal., as follows: One cow and calf, \$1,500; three heifers under one year old and one under two, for \$575 each; old and one under two, for \$575 each; two yearling bulls (one Angus and one Galloway), for \$600 each.

-Having not been able to find anymyself to you, thinking that through myself to you, thinking that through your thorough acquaintance with subjects pertaining to agriculture, you might be able to inform me whether anything was written in books or agricultural papers on the disease. I would be under great obligations for any information on the subject.—L. M. GERLING, M. D., 1411 Salisbury Street.

-Col. Colman: I received the 240

You can't make a mistake by getting either. Both breeds have high merits. The Berkshire is more active and finer boned, but the Poland-China grow to greater size.

-Knowing you to be well informed on

We know of no work equal in value, to one engaged in or contemplating farm-

ble its worth.

I saw a recipe in the RURAL WORLD for preserving fence-posts, composed of linseed oil and coal, the latter pulverized, tions necessary .- PLEBIAN.

-The season so far has been disagree able, but not intensely cold, the ther-mometer reaching only 4 degrees below momenter reaching only 4 degrees below zero. There is a very large acreage of wheat in this county, and from what I can see and hear, the prospects for an average crop are good. By examination, I find that the fruit crop is not materially

will you inform me, through the Ru-RAL WORLD, if A. B. Mayer & Co., of St. Louis, and their Fertilizers are relia-ble? They advertise in the RURAL WORLD.—J. A. W., Oronogo, Mo.

Thanks for your crop report. Yes, we onsider the firm reliable and their fertilizer equally so.

-Please give me the name of som parties manufacturing incubators. I have looked through your valuable columns, but can find none advertised.—G. H. H., Florence, Kansas.

This is a sample of dozens of similar letters received at this office, but the incubator business does not show up. We are strongly inclined to the belief that there is none like unto the good old hen, and the sooner people give up the notion of making chickens by the wholesale, unless in that way, the better it will be for them. Cnickens can be raised in any quantity by correct methods of chicken

H. M. K. of Irving, Ills., writes: I numer would like to know what is the matter with my hired hands. I have hired many at different times, some of them appear to be lively, supple and energetic, it is a supple to be a supple and energetic, it is a supple and energetic, it is a supple and energetic. have first class appetites and with apparent happiness for a few days when they get saucy, dull, and stupid and if interested in anything it is not what they are working at. They go to bed late and rise late; sometimes do not get their clothes on and themselves washed in time for breakfast. I believe they are foundered. Can any one tell me what is good for a foundered hired hand? I will try any easy and mild remedy.

REPLY.—They are perhaps just a little

tired, give 'em a rest.

—What is usually considered a car load of sheep? and the same of cattle.—J. S. T., Plattsburg, Mo.

Whilst subject to slight variations the following figures are about correct. Nominally a car-load is 20,000 pounds. It is also 70 barrels of salt, 70 of lime, 90 of flour, 60 of whisky, 200 sacks of flour, 6 cords of soft wood, 18 or 20 head of cattle, 50 or 60 head of hogs, 90 to 100 head deg.; 10th, 30 deg., with warm west

cury stood at 7° above zero. Tuesday was a convention of the growers representing six counties who proposed making a specialty of this business, held at Quitman. The meeting was composed of some 200 growers and shippers, and a good deal of interesting information was elicited during the discussions and debates following. It appears among other hates following. It appears among other will furnish this it was warm enough to rain again; rehas never been done to roads and farms. If the farmers had put in a little time last fall on the roads the present damage would have been averted. If the roads had been properly drained they would have been safe. They are drained now, but the drain is in the wrong place. Instead of being on either side of the road, it is in the center. In the future we will do well to look after the roads in time, and not depend on supervisors. The best has never been done to roads and farms. and not depend on supervisors. The best time to do road work is in the spring. Roads put in good order in the spring will stand. UNCLE JOHN. Cobden, Ill, February 8, 1883.

## Wayne County, Missouri,

EDITOR RURAL WORLD: In response to your call for information about Wayne county, Missouri, for the benepound scales to-day, and must say I am fit of your New Haven correspondent, delighted with them. Every farmer needs I give you some of my views of Wayne Which, in your opinion, is the best County, after a residence of nearly sevtude as Richmond, Virginia. That as I write. I look out upon a snow of four and any extreme of weather usually lasts

three days.

Stock can run the whole year round, sing in any particular department, to the Rural World. It is full to overflowing with live matter fresh from the field every week, which, if well digested, can hardly lead an intelligent man astray.

—The prospect for a wheat crop in this (White) county, Illinois, and in Indiana, near here, are very poor; worse than for many years. Our people are feeding lots of cattle for the St. Louis market, and only requiring feeding and shelter duration to the agricultural production of Shanuon county. For the last thirty years I have been defending South Missouri against her people, soil and climate by those living in more defending South Missouri against her people, soil and climate by those living in more defending South Missouri against her people, soil and climate by those living in more defending South Missouri against her people, soil and climate by those living in more defending South Missouri against her people, soil and climate by those living i

Messrs. Nowlin and Gregory, of Little are fairly wild over the calf trade. They will ride half a day to buy a calf at doulock, Ark., have just issued a new ble its worth.

are fairly wild over the calf trade. They gotten at by stock. With the exception of the sand-bars on the rivers and gravel. beds, I don't know of an acre in this county which will not do to graze up-

> The soil varies. The river bottoms of The soil varies. The river bottoms of course, are rich, but they have not the tenacity of the clay uplands. Under the old Missouri style of farming, only the valleys were tilled. New-comers from nilly countries are proving that the hill-sides yield as abundantly as the lowlands. The southeastern part of the county is level, and borders on Mingo swamp—which will, by opening and drainage, throw thousands of acres of extremely fertile lands upon the market. With the lax culture given by our people we have a yield of from 12 to 20 bushels of wheat, 35 to 75 bushels of corn, 100 bushels of turnips, two tons of hay, beets weighing turnips, two tons of hay, beets weighing

turnips, two tons of hay, beets weighing 8 to 10 pounds. I saw one sweet potato measuring 2 feet, 7 1-2 inches long and I weighed it myself—7 pounds, 10 1-2 ounces, and even then the tip end was broken off. I ate apples this fall, weighing nearly two pounds—"Ben Davis" variety. I raised potatoes ("Irish") weighing one and a half pounds, and others have done still better. There are uplands called "flatwoods" by the "natives," which, under a system of careful tillage and rotation, will, I believe, produce 40 bushels of wheat to the acre.

The people generally, are law abiding.

The people generally, are law abiding, quiet and sociable. They have been anything but progressive until within the past few years, when a spirit of enter-prise seemed to enter amongst them; quietly at first, but growing.

When I first came to Piedmont, it had

more razor-backed hogs than I ever saw in one little town of 200 inhabitants. Now, you cannot find one, and Piedmont has grown to be a pushing town of 1500. There is a good market here for vegeta-bles and all sorts of garden produce. The numerous saw-mills take all that is rais-ed, and would take twice as much if we

There is a County Immigration Socie-There is a County Immigration Society, and the Secretary, Mr. Ben. A. Hamilton, of Piedmont, Mo., will take pleasure in corresponding with any one who desires information, or is seeking lands. The Society own no lands themselves, but are working purely for the good of the county. Should you desire it, I will drop you a few more lines again.

W. B. HARRIS.

Piedmont, Mo.

### The Weather in January.

EDITOR RURAL WORLD :- The following is very nearly a correct weather report for the month of January, 1883, showing how cold it was each morning at daylight. Think it will be interesting to some of the many readers of your paper. January 1st, 28 degrees above zero-snow; 2nd, 2 deg. above; 3d, 3 deg.; 4th, 32 deg., rain and sleet; 5th, 28 deg.; 6th, 32 deg.; 7th, 34 deg., close, cloudy; 8th, 18 deg., some snow; 9th, 5 years. Op last Saturday we had an unusually heavy rain with high winds that blew down considerable fencing; at night it turned cold and treated us to a heavy sleet. Monday morning the merius the lowest was zero. The cold has not been very severe, neither has been very uneven and very unhealthy. Mercury has never reached 60 during the month. You will see that we have had but little snow

will see that we have had but little snow but much mud.
Fruit prospects good; wheat looks very poor; from the present outlook, the wheat crop of 1883 in Egypt will be light. Tomato growers are heating up, bound for a crop of tomatoes in 1883.

UNCLE JOHN.
Cobden, Ill., Jan. 31st, 1883.

both in regard to temperature and pre-cipitation. Barometer: Mean, 30.111; highest, 30.561, on 24th; lowest, 29.398, on 28th. Temperature: Mean, 43.9 deg. maximum on our records; minimum, 19.2 deg., on the 21st; minimum below south. Total movement of wind, 7,803 miles; average hourly velocity, 11.5 miles; average cloudiness, 56 per cent.; number days clear, 6; fair, 13; cloudy, 9; rain fell on 13 days, snow on 1 day; number of solar halos 4, lunar halos 1;

South Missouri. Which, in your opinion, is the bost of the Poland-China of en years within its borders. First, as breed of swine, the Poland-China of en years within its borders. First, as to its climate. It is in the same latisounds as if it were never cold here; but, RURAL, few of its numbers have given country and attract a crowd equal to any or five inches, which has been with us just read. I was well pleased with the view Park. The cattle were purchased two weeks, and which will add at least article written on the cars in Minnesota, in Scotland and England by the gentlefive bushels per acre to the coming wheat and am very happy indeed to know that men, parties to the sale, and they had the —Knowing you to be well informed on all matters pertaining to the farm, would like you to name to me the best work of general utility, and particularly on chicken farming and incubators.—Sidney I., ful as those of the table lands of Mexico.

The we have moderate winters and my old friend, Colman, has landed safe your to make the pick of the best to be found in the United by in a more temperate clime. I tender to Mr. Gere my sympathy, and hope he will have better luck next time he visits the means to invest in them. No more temperate clime in the intelligent experience to select and will have better luck next time he visits the means to invest in them. No more temperate clime. crop. We have moderate winters and my old friend, Colman, has landed safe- pick of the best to be found in the United A heavy fall of snow is very unusual, the hospitable clime of Minnesota in the honorable men can be found than the winter.

But the article that pleased me most,

How glad I am that Mr. Bell has come to the front and truthfully portrayed the advantages of Shannon county as an agricultural region. The same is true of all the counties named above. In August and September 1879, the Times-Journal. a popular paper then published in St. Louis, made various assaults against the people of the counties named above, and advised St. Louis capitalists to run railroads through our counties, suggesting that the inhabitants would fly before the march of civilization, like buffalo before the hunter's guns, and that the country could then be settled by civilized people.

In September, I wrote a short article in reply, in which I predestined what has so rapidly followed; that is, that St. has so rapidly followed; that is, that St. Louis would not aid in giving us railroads. Allow me to take an extract from that article published in the Times-Journal, about the, 20th September, 1879: "We love St. Louis, we are proud of her portly dimensions. We are willing she should outstrip all her neighbors in material wealth and population. But we do not look to St. Louis for a railroad.

do not look to St. Louis for a railroad. She may aid Texas, Arkansas or the Gulf States, but she cannot afford to aid the 50,000 of her own neighbors who are scattered over the 4,000,000 acres of land you refer to in your editorial. . . . Entertaining the same views you express with reference to the ignorance and stupidity of our rural population she will not be undeceived until we are put into railroad communication with Kansas City, Chicago, Cincinnati and the cities of the South."

Thanks to the enterprise of gentlemen Thanks to the enterprise of gentlemen entertaining views at war with the expressed sentiments of the Times-Journal, and others of St. Louis, we are now in communication, by rail, with the outside world, via Kansas City, and ere the sun gets north of the equator, will be in connection with the cities of the South, and yet not a denizen of South Missouri has fled as was predicted, but on the contrary our population has nearly doubled itself since 1879. The policy of St. Louis with reference to South Missouri, is very much like that pursued by the churches. much like that pursued by the churches, who give millions for the conversion of the heathen to christianity, while thou-sands perish in our midst for want of

sands perish, in our midst for want of the gospel.

But my dear sir, I have not written what I sat down to write. When I began, it was my intention to tell your readers some of the advantages of Oregon county, how healthy it was, how mild the winters, how rich and cheap the lands, that a railroad was now being built through it what a fine stock and built through it. what a fine stock and fruit county it was, and a hundred other things; but getting off on the wrong foot I shall have to defer any minute description at present, and being in very bad health, and quite old, I may never be able to resume. J. R. WOODSIDE. Thomasville, Mo., Jan. 30th, 1883.

### Coming Meetings.

June 20th.—Annual meeting American Association of Nurserymen, Florists and Seedsmen, St. Louis. N. J. Colman, St. Louis, President.

## Che Cattle Bard.

Geo. Morgan the well known importer and breeder of Hereford cattle is in England, where he has purchased 140 head of his favorites with which he will shortly sail for the United States.

AUDRAIN Co., Mo., reports the following farm stock: Number of horses, 8,-260, valued at \$275,670; mules, 2,709, at \$118,400; asses, 65, at \$3,460; neat cattle. 27,146, at \$337,659; sheep, 20,714, at \$23,700; hogs, 19,853, at \$35,770; and 2,030 dogs, value, nix.

THE Missouri State Shorthorn Breeders. Association will meet in Sedalia, during the week of the annual meeting of the State Wool Growers' Association, viz: the first week in April. The Shorthorn The following is a report of the weather at St. Louis for February, 1882. Readers will be interested in comparing it with that of this year. February, says the report, was for above the normal, the report, was for above the normal, ed to the interest they represent.

Many think the cattle business will be overdone, so many are investing in it. No fear of that. Population is increasthe highest on our records for this month; normal, 36.6 deg.; maximum, 73.2 deg., on the 12, the highest February the demand for meat. Great foreign markets have been opened to us, and 19.2 deg., on the 21st; minimum below 32 deg., in 7 days; maximum above 32 will ever remain open for our meats in instead of decrease.

THE attention of our readers is directed to the sale advertisement of Angus, Galloway and Hereford cattle to come off at thunder-storms and lightning on 2 days. Riverview Park, Kansas City, on the 25th, 26th and 27th of April next, by the Messrs. W. H. & A. Leonard of Mount Leonard. must say that, as well as I love the claim the attention of the entire western me more pleasure than the paper I have that ever put in an appearance at River-Leonard Bros., and the Hon. M. H. Coch-

Lancelot Col. That from Jam W. H. Cu Joseph E nead, \$2, W. Smith blood He Company in the we He also Hereford 'est." a Langston He also se ford bull The sto in mind t pròvemen be impro

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EDITOR

By Prof.

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Lancelot Palmer, four for \$450; from Col. Thaddeus Hickman, five for \$520; from James H. Parker, six for \$825; from W. H. Curtwright, four for \$400; from Joseph Estes, one for \$125. Total for 20 nead, \$2,320; average, \$116 per head. F. W. Smith sold last week 45 head of half-blood Herefords to the Prairie Cattle Company, one of the largest corporations in the west, for \$80 per head, or, \$3,600. He also recently sold athoroughbred Hereford bull 10 months old, "George Yest," a splendid animal, to George F. Langston and Wm. H. Jacobs for \$650, He also sold to Michael Bright a Hereford bull nine months old for \$300.

The stock breeder should always hear dreds of thousands and some of them.

The stock breeder should always bear provement. The wool of the sheep can capital. be improved in quality and quantity. Cattle may be improved in milking qual- of men ordinarily credited with prudence ities or in beef qualities, by proper selec- and discretion, into a business they know Horses may be improved in style, form, and speed. Even the pork qualities of the hog can be improved. There should be no stand-still with the breeder or stock raiser. He is either going forward or backward. Which does he prefer?

come, will be the leading breed for crossing on cattle for beef furposes. No other breed matures earlier, or puts the food assimilated into places that command higher prices. So, if the Shorthorn, at two or three years of age, can balance the scale at 1500 or 2000 pounds when it takes other breeds four or five years to pull down the scales to the same point, it is just so much in favor of the Shorthorns, for who wants to run the risk of life and health, and who wants to supply feed, even for the support of life, a year or two unnecessarily. The Shorthorns possess so many merits that they will hold their own, though other breeds may get on the popular wave occasionally, by manipulation of some kind or other, yet the Shorthorn breed for beef will continue to be the most used and most popular wave occasionally, by manipulation of some kind or other, yet the Shorthorn breed for beef will continue to be the most used and most popular wave occasionally, by manipulation of some kind or other, yet the Shorthorn breed for beef will continue to be the most used and most popular are fine to be the most used and most popular wave occasionally, by manipulation of some kind or other, yet is whilst there is in the business and allow their more enterprising merchants to gather the harvest and reap the skell with state will pay? We cannot think so, the whilst they are leavest and reap the skell with states to gather the harvest and reap the skell with state will pay? We cannot think so, the whilst they are the average allow their more enterprising merchants to gather the harvest and reap the skell will subtilist they are the average allow their more enterprising merchants to gather the harvest and reap the skell will she whils they are the average allow their more enterprising merchants to gather the harvest and reap the skell will she will she will she will she will she will she will be avoided? For surely available capital and the pluck to think so.

How then is it to be avoided? For surely available capital and the pluck to

A cow that has once aborted should be removed from the herd, fattened and sold, as she is liable not only to do so again, but other cows are liable to follow her example. It is always best to use disinfectants of chloride of lime, or solution of copperas in the stall. Ascertain the cause, and if it is found to be caused by ergot, or any deleterous plants in ed by ergot, or any deleterous plants in ed by ergot, or any deleterous plants in edge. tain the cause, and if it is found to be caused by ergot, or any deleterous plants in the pasture, remove the stock to other fields at once. Bad or musty hay will also cause abortion, and the bull should never be allowed to run loose among cows that are with calf.

THE PROFIT IN FEEDING STEERS.

By Prof. J. N. Muncey of the lowa Agricultural College.

Editor Rural World:

Clair county; capital stock, \$1,325,000.

St. Clair county; capital stock, \$1,325,000.

St. Clair county; capital stock, \$800,-000.

EDITOR RURAL WORLD:

The following table will show the weight and gain of ten steers selected as an average from a herd of 40:

St. Clair county; capital stock, \$800,-000."

It will not be supposed that because these were incorporated in the State of Illinois, they are to operate there by no

Number of Steer.	Weight Decem. 24, 1878.	Weight Febru'y 15, 1879.	Total gain for 53 days	Average gain per day
1	1612	1650	38	.71
2	1450	1558	108	2.03
3	1426	1558	132	2.49
2 3 4 5 6	1280	1384	104	1.96
5	1264	1346	82	1.54
6	1108	1280	172	3.24
7 1	964	1092	128	2.41
8	962	1066	104	1.96
8	916	1060	144	2.71
10	910	954	44	83
Total	11,892	12,848	1056	2.00-

\$352,50 \$345

in mind that there is such a thing as im- having over a million dollars of invested

tion of types, and care in management. nothing of, can be attributed only to a The Shorthorns, for a long time to come, will be the leading breed for cross-

call for Shorthorn, Hereford, Polled and Devon bulls. Will the readers of the RURAL WORLD profit by this sugges-

## Quantity and Quality of Food.

An exchange has the following: Of the four leading classes of animals which farmers raise for profit—horses, cattle, 

Big Cattle Companies.

The extent to which our merchants and business men generally are going into the cattle and sheep business is something amazing. It was only a very few years ago that such an enterprise was deemed so chimerical, that one of the biggestheaded and most far-sighted of Kentucky breeders found it necessary to go to Eng-

W. W. Bair has driven the fastest mile to harness, Maud S, in 2.10 1-4; Dan Mace the fastest mile to wagon, Hopeful, 2.16 1-2; Johnny Murphy the fastest mile with running mate, Yellow Dock, 2.11; Budd Doble the fastest two miles, Monroe Chief, 4.46; Charley Green the fastest mile to saddle, Great Eastern, 2.15 3-4; and "Knapsack" McCarthy the fastest pacing mile, Little Brown Jug, 9 11 3.4 2.11 3-4.

It will not be supposed that because these were incorporated in the State of Illinois, they are to operate there, by no means; their field of operations will be on the boundless prairies of the west, southwest or northwest, where pasture is both abundant and free, and the stock can be cared for at the mimimum of expense.

In the course of a few years these companies will bring their cattle to market

Major Brown, of Spring Hill, Tenn., has purchased from F. J. Ewing, Colum-bia, Tenn., bay mareAlberto, by Alcalde;

formia, so the horses should suffer but lit-tle from the change. Hickok will have with him several young trotters from Sunny Slope, the breeding establish-ment of Mr. Rose. James Goldsmith, in charge of Director, Romeo and Sweet-ness, will also journey East in the latter part of March, and he will carry with him timothy hay from Oregon.

A series of experiments were recently conducted in Europe by Mr. Sanson to determine whether it was better to feed horses with oats whole or crushed. A gradual electrical apparatus was used to measure the nuscular and nervous ex-citability caused by the feed, and the re-sults led to the belief that oats eaten whole produce more exciting power per hour than crushed oats. The exciting principle in oats is a brown nitrogenou principle in oats is a brown nitrogenous substance uncrystalizable, apparently belonging to the family of alkaloids, and which Mr. Sanson calls avenine. On many of our breeding farms it is the custom to bruise or crush oats fed to old mares and young colts. The stimulating effect of the food is more immediate than if the oats were fed whole, but it is not if the oats were fed whole, but it is not so strong or durable. For race-horses and work-horses uncrushed oats is the better food.—Turf, Field and Farm.

ters of his class, is only a trifle over fif-teen hands high. Jay-Eye-See, the last-est four-year-old that ever won a public race, is also a small horse, whose height does not vary much from fifteen hands. The brown stallion Lumps is believed by his owner and many others who have seen him upon the track to be the fastest trotter of his size upon the turf. He stands but little more than fourteen hands high, and has a public record of 2 21, which he can reduce several seconds when occasion requires. Lumps was has purchased from F. J. Ewing, Collaboration, by Alcalde; lst dam Empress by Viscount, son of Alexander's Abdallah; 2d dam Hortense, by Mambrino Chief; 3d dam by Todhunter's Sir Wallace. Also 2-year filly Almaviva, by Enterprise out of Alberta; Enterprise is by Enfield 2.29 out of Betsy Trotwood, by Peck's Idol. Also from Mr. Priest of College Grove, Tenn., a large and extra good bay road mare, 4 years old, by Black Prince Jr., he by Black Prince from of Ticonderago) out of a mare by Mambrino Chief.

The brown stallion Lumps is believed by seen him upon the track to be the fastest trotter of his size upon the turf. He stands but little more than fourteen thands high, and has a public record of 2 2l, which he can reduce several seconds when occasion requires. Lumps was foaled in 1875, got by Geo. Wilkes (2.22), dam by Pearsall, he by Jupiter, by Long Island Black Hawk. Should nothing befall him another season, he is liable to command the respect of quite a number

### Horse Breeding in France.

France is devoting a good deal of attention to improving the breed of horses; the government has at last consented to an annex for each regional agricultural show, specially devoted to the exhibition

secure the necessary funds with to embark in the business. Now re counted by the score, the capimany reaching away into the hands of thousands, and some of them ag over a million dollars of invested ital.

The occasion of this tremendous rush men ordinarily credited only to a well grounded knowledge of the fact that their mone; is being well invested, and, in the ordinary run of things, pretation, into a business they know that their mone; is being well invested, and, in the ordinary run of things, pretation, and in the ordinary run of things, pretation of this is possible that the farming community, to which this matter has been munify; to which this matter has been mu trot—trot naturally—with stifles out and perfect knee action, and will do nothing but trot, however hard pressed. I have raced through the prairie grasses and flowers at the rump of a mustang stallion 15 1-2 hands high, and blood-bay in color, with a tail as black as night and that would sweep the ground a foot, and been unable to break him from his trot or range up to his side, although my mount range up to his side, although my mount range up to his side, although my mount was a three-quarter bred mare of 1,000 pounds weight, that took to the chase with her eyes blazing and ears laid back in a way that plainly told her rider that she felt a good deal as he did." Mr. Murray advises a cross from a thoroughbred stallion, believing that it would increase the size without losing toughness, and produce the best saddle horses as and produce the best saddle horses as well as trotters.

### The Horse at the Illinois University,

Col. B. F. Johnson in writing to the Prairie Farmer, about the address at the Agricultural Institute of the Illinois Industrial University, said: Among gentledustrial University, said: Among gentle-man outside of the faculty of the Uni-versity, who have spoken, Col. Mills, of the State Board, gave a very interesting and instructive talk on the Clydesdale horse, and Col. COLMAN, of St. Louis, treated the general subject of horse-breed-ing in an eloquent and attractive man-ner. It is, of course, quite a difficult matter to bring forward any new and at the same time interesting and important facts in regard to horses or breeding; and the careed for at the inhimum of expectage of the careed for at the inhimum of expectage of the careed for at the inhimum of expectage of the careed for at the inhimum of expectage of the careed for at the inhimum of expectage of the careed for at the inhimum of expectage of the careed for at the inhimum of expectage of the careed for at the inhimum of expectage of the careed for at the inhimum of expectage of the

your permission we will give the readers of your Journal our experience in raising horses and mules. Twenty-five years ago I purchased a three-year-old, filly. She was of good stock but very high strung. She inherited wonderful staying qualities; in fact, there was no let up to her, and she was a wonderful feeder. At four years old I bred her to a jack, and produced a mule colt the exact color of the jack. I then bred her to a thoroughbred Kentucky horse, and when the colt came it was the color of the sire. I then bred her to a jack. Since then I have bred her to horses. The colts have all inherited the exact color of the sire, with the disposition of the mare. I have several of her colts that have been breeding for several years, and for twenty years there has not been a colt dropped on the farm but what was the exact color To conclude therefore that the farmers raise for profit—horses, cattles and sheep and though and the profit of the step and though and the step and

work. Never trot a horse, or, what is worse, run him, when his stomach is overloaded. Overfeeding is often a fatal accident.]—Country Gentleman.

### BREEDERS' DIRECTORY.

### LIVE STOCK AUCTIONEERS.

JAMES W. JUDY, Tallula, Menard county, Ills., live stock auctioneer. Sales made in all parts of the country. Refers to any breeder in the west.

PHIL. C. KIDD, Lexington, Ky., live stock auctioneer. Sales promptly attended to in all parts of the country. Correspondence

P. MUIR, Chicago, Ill., live stock auction-eer. Sales made in any part of the United States or Canada. All correspondence prompt-ly answered.

COL. JOHN SCOTT, Nevada, lowa, live stock auctioneer. Sales made in all parts of the country, at reasonable rates. Correspondence solicited.

W. H. & THOS. C. EVANS, Sedalia, Mo., shire Hogs. Bronze Turkeys, Plymouth Rock Chickens and Pekin Ducks.

R. W. GENTRY, Sedalia, Mo., breeds and deals in Thoroughbred Merino Sheep of largest size and best quality. Rams and ewes always for sale at prices as low as the lowest.

T. C. LIPPITT, Shenandoah, Iowa, breeder of and dealer in American Merino sheep. Size, constitution and amount of clensed wool a specialty. Stock rams for sale. W. H.I. R. KING, Peabody, Marshall, Saline Co., Mo., breeder of Short-horn cattle and Cotswold sheep. Grand Airdirle No. 865 S. H. R. a Renick Rose of Sharon at head of herd. Good stock for sale.

H. D. AYRES, Marshall, Saline county, Mo., breeder of Short-horn cattle. Ox-ford Barrington 2nd 10309 S. H. R. at head of

L. PALMER, Sturgeon, Boon County, Mo., breeder of Short-horn cattle. Stock for sale. Fifth Duke of Acklem (Rose of Sharon) and Commander (pure) Booth at head of

H. V. P. BLOCK, Aberdeen, Pike county, high-bred Percheron stallions and mares by imported Napoleon Bonaparte, champion Almack trotters, pure Jerseys, Short-horn cattle and Berkshire pigs. Send for catalogues.

H. ALLEN, Breeder of Thoroughbred Short-horn cattle, Cotswold sheep, Berkshire hogs, Bronze turkeys and Light Brahmer fowls. Allendale Stock Farm, O'Fal-lon, St. Charles country, Mo.

SAMUEL JEWETT, Independence, Mo., importer and breeder of registered American Merino sheep. Satisfaction guaranteed to

MERINO SHEEP—H. V. Pugsley, Platts-burg, Clinton county, Mo., breeder of registered Merino sheep. Prince, with record of 34 1-2, stands at head of flock. Call or write. R. C. PEW, Prairieville, Pike county, Mo., importer and breeder of Cotswold and Shropshire sheep. Ewes and rams of all ages for sale. Correspondence solicited.

D. W. McQUITTY, breeder of Short-horn registered American Merino sheep, Roche-port, Mo. Stock for sale.

CHAS. E. LEQNARD, Bell Air, Cooper country, Mo., breeder of Short-horn cattle, Jacks and Merino sheep. Inspection of herd and correspondence solicited.

P. S. ALEXANDER, Lone Jack, Mo., im Satisfaction guaranteed. Call or write.

H. B. SCOTT, Sedalia, Mo., breeder of pure and Poland-China swine. Eight young bulls for sale.

R. T. MCCULLY & BRO., Lees Summit, Mo., breeders and importers of thoroughbred derino sheep of the very best strains. Prices reasonable and satisfaction guaranteed.





Eggs for Hatching.

I am now ready to ship Eggs from pure bred
White or Brown Leghorns and Light Brahmas, at \$1.50 per setting of 13; also Rose Comb,
White Leghorns at \$2.50 per setting. All stock
first-class.

THOS. D. FOX,
Freeburg, St. Clair Co., Ill.

FOR SALE. A lot of unregistered Jerseys, consisting of young cows and heifers, handsomely marked and well bred. The cows are big, rich milk-ers, for sale cheap. Address H. D. FRISBIR, Cynthiana, Ky.

## THE STANDARD BRED

Trotting Stallions,

GOODWOOD, by Woodford Mambrino, at Rich Hill, Bates Co., Mo.; BAIR (1689), at Pierce City. For furth-er information address L. E. Clement, Pierce City, Mo., or call on M. Ervin, Rich Hill, Mo.

## BRONZE TURKEYS.

A few fine Bronze Turkeys for sale at four lollars each, or seven dollars per pair. Ad

COLMAN'S RURAL WORLD,

## The Home Circle.

### TO BON AMI.

Good Friend, why would you ardent under take A task, that might the bravest fearful make? Blame not the preachers, nor their shrewdest

friends Dependence, truth and folly, easy blends. Dependence, truth and folly, easy blends.
Delusive error's fickle, dimmest ray,
Is light to those that shun the blaze of day. Could you a mountain burl from firmest base. The weakness of such souls you might replace. How sweet to guileless souls! bright wisdom's

ways, With scorn the stolid fool advice repays. Opinion long, no one can easy change, Too great a haste smooth action's wheels de

range.
Increasing steady, good in patience wrought,
With fairest virtue's fruit is often fraught. Perl ans too philosophic, this you deem, Assigned to folly's arrant, shapeless dream.
Of fools, the number most surpassing strange,
Abound they still, in palace and the grange. Of you or me, or COLMAN'S RURAL page, No man can say, without dread peril's rage. To arms! the Circle cries. Defend we must The leaders, from the cruel madman's thrust Fear not, my friends, the Bon Ami's a host. To naught their banter, and their silly boast. In virtue's armor clad, he manful goes, Destruction hurls, on most unwary foes. A smile derisive on their lips it steals, And all the venom of their souls reveals. If not to death, to silence fierce impels Good Friend, all those immured in folly's

spells.
All o'er the Circle's homes, free banners wave The richest, last request of Sire's brave.

—Rev. Geo. A. Watson.

### ALBUM VERSES.

Dear sister, in the far off home I hope your thoughts oft westward roam; And roaming there dwell most on me, For mine are oft at home with thee, Though distant be my dwelling place, bered ever is thy face.

Sweet memory brings a vison fair, A lovely face and glossy hair. And most ecstatic is the sight Of sister Mary's blue eyes bright And far from thee in strangest land, In fancy rapt, I clasp thy hand.

E'er more I think, that one sweet kiss, From my dear sister, would be bliss. My heart oft gladdens with the thought: soul, for me, in love, has wrought. I know that I have yet a part Of my sweet sister's loving heart.

My love to manly brother dear. Now you and mother are so near. If Angels look from heaven above, Our mother looks on us with love; While by the side of heaven's gate Her joy to us she would relate

Most earnest may she hope and pray, That we may tread the narrow way That path of peace which leads to God, That holy path her feet have trod: Now strive we all to meet her there, In heaven's happy land so fair,

And join that holy Angel throng, In one triumphant merry song In praises there our voices blend, In heavenly joys that never end.
I love you more than I can tell,
But now, dear sister, fare you well.

### -Schoolma'am Scraps, From Idyll.

I hope it is not yet too late to hold up my hands in admiration of the new dress and improved appearance of our favorite journal, the RURAL WORLD, or to thank the Editor for giving us such a handsomely printed paper. I should have exercised my exclamatory powers some time ago, had I not been badgered out of prose by the 'critics, and driven away from poesy by Bon Ami's terrible treatment of my admiring friend, D. W. H. Bon Ami, I think your missiles fell short of their aim. I don't believe D. W. H. ever sees the R. W.; and in explanation of that fact, will say he has sold out

cie member who admires you. Thanks.

I believe I owe kind nods of recognition to several members who have had the goodness to mention me. Somebody calls me a jewel. I wonder if he, or she considers me one of the real kind, or simply a peets invitetion.

or she considers me one of the real kind, or simply a paste imitation.

Einest Elmo, come again: and tell us of your home in the valley of the Ozarks. I will always be interested in hearing from the little boys. I, too, have a little thirteen-year-old boy among the "Wild hills," but he has been asleep for many long months under the coffin-lid.

J. T., your questions are suggestive, and I will write something soon on the subjects you mention. Ibelieve in amusements—in dancing, in singing—in much which is condemned by some very good people. We are social animals, and must have diversion. Many people injure the young, while young, just as much by too rigidly excluding pleasure, as ever an over-abundance of amusement has done. "All work and no play," etc., you know. I don't believe in "old heads on young shoulders." Old heads are not always the wisest or the best, and, from my own standpoint, I see nothing so beautiful as hanny youth. standpoint, I see nothing so beautiful as a happy youth. O, let them be happy! The instinct of play is in all young animals. God knew best, when he made

Nina, are you still quarreling with the doctor about the New Year? Let him give his version of the affair. I believe in Men's Rights. You have a firm friend in men Person.

Bess, are you still occupying that old wagon wheel, dreaming of the country?

their home in the spring, now that the steam engine shricks among the hills. I forgot to thank Bon Ami for his kind-

I torgot to thank Bon Ami for his kindly criticism of my faulty manuscript. I
shall profit by his goodness, and hope he
will point out every defect he sees. I am
truly grateful for any such help.
To-day a friend placed in my hand
Vol. I. of the Fireside Edition of Ralph
Waldo Emerson's works. Would it not
be interesting for each member, on mentioning an author in hand, to give us a
brief sketch of his or her life and writings?
I will endeavor to do so in this instance:

borning an author in hand, to give us a brief sketch of his or her life and writings? I will endeavor to do so in this instance; but will send as a separate article.

We are having an abundance of "beautiful snow," and everybody is out enjoying it. Every delivery wagon is fringed behind by the boys and girls and handsleds, and scarcely a vehicle of any description goes on the street but has its share of them flying along in its wake. And now and then a man on borseback goes galloping by, holding in his hand a rope, the other end of which is attached to a handsled occupied by a boy, who holds another rope, attached to another sled occupied by another boy, who also holds another rope, etc., ad infinitum, ad stringitum, an lo! the end is not yet.

Feb. 12, 1883.

IDYLL.

## Good Health.

ALCOHOL FOR BURNS AND SCALDS.—
The Journal of Chemistry tells us to saturate a soft fabric with alcohol, lay it over the burn, then cover it with cotton or finely picked oakum. This is the most cleanly dressing that can be adopted. It may be thought that alcohol applied to a burn will produce more pain; but try it and you will be agreeably surprised to observe how quickly it will allay the pain. Subsequently disturb the dressing as little as possible; wet the dressing occasionally with alcohol, and the result you will find better than by any other method. method.

INDIAN MEAL PUDDING .- Boil 2 quarts of milk; while it is heating, mix togeth-I teacup of corn-meal and enough mo-lasses to moisten it all. Pour the boiling milk on this, let it stand until partially cool, add a half teacup of cold milk, and bake two hours in a stove, or all night in a brick oven. It is improved by adding sweet cream when eaten.

CUTS AND WOUNDS. — If the blood comes from a wound in jets or spurts, be spry, or the man may die in a few min utes, because the artery is severed; tie a handkerchief closely around near the part between the wound and the heart; put a stick between the handkerchief and skin, and twist it around until the blood ceases to flow; keep it there until the doctor comes; if in a position where the handkerchief cannot be tied, press the thumb on a spot near the wound between the wound and the heart; increase the pressure until the bleeding ceases, but do not lessen the pressure for an instant before the physician arrives, so as to glue up the wound by coagulation, or cooling of the hardening blood.

### Milk for Typhoid Fever.

Surgeon-General Barnes, about three years ago, heard of an allopathic physician in Virginia, who, it is alleged, never failed to cure typhoid fever. As there were many patients in the United States army dying with that disease, General Barnes concluded to visit the ancient Virginia doctor and learn how he treated his ginia doctor and learn how he treated his typhoid patients. When he met the old gentleman, General Barnes inquired: What is the mode of treatment by which you succeed?" "Why," replied the venerable physician, "it's the simplest thing in the world. All you've got to do is to get the patients' stomachs in good order and then diet them on buttermilk; that's all. I never lose a patient, if he isn't in collapsed condition when I get to him." Surgeon-General Barnes tells me that he adopted the buttermilk treatment among the soldiers in the army and has found it most efficacious. It appears that some ten years ago the medical scientists of France and Russia compared notes as to the use of plain sweet milk in the treat-ment of their hospital typhoid, patients, and concurred in the decision that milk tion of that fact, will say he has sold out his papers and gone West—may hope to gather some of those "glimmering gleams" himself. I have saved up the papers, however, and will send Bon's "afflictions" to him as soon as I get his new address. I think Bon Ami shows a very jealous spirit—a—a sort of "dog-in-the-manger" affair.

Fifty-Seven, I received the papers containing your story, Christmas morning; read them and sent them to another Circle member who admires you. Thanks the papers and concurred in the decision that milk not only has a wonderful efficacy in tyre treatment of fevers generally. An eminent medical man, a professor in a New York eclectic man, a professor in a New York eclectic way our correspondent a few weeks before the died (his death took place about a year ago) that he had found to be substantially true all that is set forth relative to plain sweet milk and buttermilk, and that the latter "acted like a charm in cases of nervous debility. It is a great timore Day. timore Day.

## THIS AND THAT.

Salina, Kansas, claims an 80. pound hailstone.

The Ohio penitentiary paid a profit to the State of \$16,000 in 1882.

Use Wise's Axle Grease on inflamatory sores of all kinds.

The charity ball at the Academy of Music, New York city, recently, netted \$12,000.

The Church of England has an income of \$22,625,000.

"Dr. Benson's Celery and Chamomile Pills, are worth their weight in gold in nervous and sick headache."-Dr. H. H. Schlichter, of Bal-

The press is warranted in its cry for safe steamships. During the last five years 20,763 persons have perished at sea. Colorado has contributed \$60,000,000 in gold

and \$90,000,000 in silver to the world's stock of precious metals.

The Howe Scales took first premium at Philadelphia. Paris, Sydney and other exhibitions. Borden, Selleck & Co'. Agents, St Louis.

During the past year 948,000,000 feet of logs were rafted down the Mississippi, or 40,000,000 more than in 1881. Philadelphia has a prophet who calls him-

self the second Elisha, and who prophecies the end of the world in 33 years. Mrs. E. Webb, Bethany, Mo., says: "Four

bottles of Brown's Iron Bitters cured me of a distressing and prolonged attack of dyspep-

Over 1,000,000 carriages are made in the United States every year.

Over 1,000,000 carriages are made in the Cuited States every year.

Percival commissions me to say that he doean't like the H. C., and has deserted us—has gone back on the grangers. He prefers "people of culcha" to horny hands and homespun.

Our friend from Arkansas who didn't like Idyll, and was doubtful of Nina has taken unto himself a wife. So that ends his literary labors in our behalf. I have a warm invitation from them to visit the doean't like Idyll, and was doubtful of Nina has taken unto himself a wife. So that ends his literary labors in our behalf. I have a warm invitation from them to visit COLOGNE

## THE CELEBRATED

### KIDNEY - WORT'

THE SPECIFIC FOR KIDNEY DISEASES LIVER TROUBLES, CONSTIPATION, PILES, FEMALE WEAKNESSES AND RHEUMATISM

colors, can consider the colors of the color

"A stroke of paralysis' prostrated me, angreously diseased my kidneys. The ors failed, but kidney Wort cured me, ade, 18 Blackstone St., Boston, Mass.

"My kidney troubles had lasted for 8 year often passed blood. Kidney-Wort cured me Michael Coto, Montgomery Center, Vt.

KIDNEY DISEASE AND RHEUMATISM.

KIDNEY DISEASE AND KHEUMATISM.
"Two of my friends had my trouble," say:
. Elbridge Malcolm, of West Bath, Me.
si given up to die, by my physician and
ends. We all had kidney disease and rhenatism. Mine was of 30 years standing. Kidy-Wort has entirely cured all three of us."

"I had kidney troubles for many years. Kid ey-Wort cured me."—J. M. Dows, of Diebold are Co., [28 Canal St., New Orleans.

"I devoutly thank God that I found out the irtues of Kidney-Wort," writes C. P. Brown f Westport, N. Y. "It has cured me of a 26 ears case of terrible kidney disease."

KIDNEYS, LIVER AND CONSTIPATION.

"The most satisfactory results," writes Jas. F. Reed, jof N. Acton, Me., "in case of kidney and liver troubles and constipations, have followed from the use of Kidney-Worr, by members of my family."

KIDNEY TROUBLES AND RHEUMATISM.

LIVER DISORDER. "Please tell my bro. soldiers, and the public too," appeals J. C. Power, of Trenton, Ill. through the St. Louis Globe-Dem. and Rome ame Fireside, that Kidney. Wort cured my liver disorders, which I'd had for 20 years."—12-2-'82.

RHEUMATISM.

"I have tried a great number," truly remarks Mr. W. N. Grose, of Scranton, Pa., under date of Dec. 12, '82, "but there is no other remedy ike Kidney-Wort, for curing rheumatism and liseased kidneys."

INFLAMMATION OF BLADDER.

INFLAMMATION OF BLADDER.

"Chronic inflammation of the bladder, two years duration, was my wife's complaint," writes Doctor C. M. Summerlin, of Sun Hill, Ga. "Her urine often contained mucus, pus, and was sometimes bloody. Physicians prescriptions—my own included—and domestic remedies only pulliated her pains. Kidney-Wort, however, has entirely cured her."

INTERNAL PILES.

"Lind internal piles for several years" said

"I had internal piles for several years," said.
B. Moyer, of Myerstown, Pa. "Nothing elped me except Kidney-Wort. It cured me.'
LADIES' TROUBLES.

RHEUMATISM.

DYSPEPSIA.

DELICATE COMPLAINTS.

CORDIAL

Carolina Tolu Tonic,

FOR PULMONARY DISEASES AND GENERAL

SURE CURE FOR MALARIA

CURED AFTER 20 YEARS

roduct at 1,200,000,000 pounds. It is a good rule to accept only such med rines as have, after long years of trial, proved worthy of confidence. This is a case where other people's experience may be of grea PHYSICIANS ENDORSE HEARTILY. ervice, and it has been the experier "I have found Kidney-Wort to work like narm, doing all that is claimed for it. Afte sing it several years in my practice, I a 'reg lar physician,' can endorae it heartily. It ha thousands that Ayer's Cherry Pectorial is the best cough medicine ever used.

The will of Jonathan Tremaine Wells, a New York miser worth \$500,000, which is being contested, gives employment to twenty-six law

The longest span of telegraph wire in the

world is about 6,000 feet. It unites two hills-one on each side of the river Kishnu, in India

The annual cheese product of the United

States, for an average good season, is now es timated at 400,000,000 pounds, and the butter

It is impossible to disguise the fact that the Vegetable Compound, prepared under the personal direction of Mrs. Lydia E. Pinkham with the superior science and art of modern pharmacy, is the most successful medicine for cemale debility, and diseases hitherto known.

Many orchards in California are leased to Chinamen, who pay the highest prices, but by their economical management generally Lord Lorne, Governor-General of Canada, and party, have been the guests of the Brit-

ish Minister, and have been entertained at

dinner by the President. 40,000 Horses are bought and sold annually by seventeen of the leading dealers of New York and Chicage, who unanimously declare that the one-half and three-fourths blood Pecheron-Normans have more style, action, best endurance on pavements, and sell for more money than any other class of horses on the market .- Chicago Tribune. Nearly 1,000 of

this popular breed have been imported from France by M. W. Dunham, Wayne, Ill. "My attending physician gave me up. I'd had rheumatism and kidney troubles for 30 years. Many doctors and numberless remedies did me no good. My friends, too, thought my death was certain. Kidney-Wort has entirely cured me," so writes Elbridge Malcolm, West Bath, Me. A large trade in new American cider has sprung up between New York and Liverpool. The English article is inferior and brings a less price than the American.

A strange hair pin which a wife testified to finding in her husband's bed, supplied the conclusive evidence with which she obtained a divorce in a New York court.

"FEMALE COMPLAINTS." Dr. R. V. PIERCE Buffalo, N. Y .: Dear Sir :- I was sick for six rears, and could scarcely walk about the touse. My breath was short and I suffered from pain in my breast and stomach all the time; also from palpitation and an internal fever, or burning sensations. I also suffered from pain low down across my bowels and in my back, and was much reduced in flesh. I have used your "Golden Medical Discovery and "Favorite Prescription," and feel that I am well. Very respectfully,

DELILAH B. MCMILLAN. Arlington, Ga.

The reward of performing one duty is the cower to perform another. No denunciation is so eloquent as the final

Respect the confidence reposed in you by ladies. "It has helped me in intricate diseas-es," writes Mrs. Annie Rockbald, of Jarretts-ville, Md. This lady correspondent wrote us about Kidney-Wort's curative effects. nfluence of good example. Above all things always speak the truth

four word must be your bond through life .-Haliburton. Always speak politely and kindly to your

"Nothing else would," tersely says Justic G. Jewell, of Woodbury, Vt., "but Kidney-W did cure my three years rheumatism." help, if you would have them do the same to Our correspondent, Mr. Josiah Kenney, o Landisburg, Pa., says: "Kidney-Wort cured in Iyspepsia. I had it in its worst form too." A WILLING OATH. ticular mark of any profession, but a general

elegance of manners "I will swear by Kidney-Wort all the time," writes Mr. J. R. Kauffman, Lancaster, Pa.. (All its patrons do the same, Mr. K.) Highly colored urine, with backache, headache and general debility, can invariably be traced to unnatural condition of the live r, which can be removed by using Home Sanative Cordial.

### Another lady, Mrs. J. B. Clark, Amitee City a., writes us: "Kidney-Wort has cured me of abitual constipation, pain in the side, as well a some other delicate complaints." DARBYS THE CELEBRATED Prophylactic Fluid. HOME SANATIVE

DARBYS PROPHYLACTIC FLUID,

Also, as a Gargle for the Throat As a Wash for the Person; And as a Disinfec-tant for the House.

tans lorgue douse.

A CERTAIN REMEDY AGAINST ALL CONTAGIOUS DISEASES.

It neutralizes at once all noxious odors and gases. Destroys the germs of disease and septic (putrescent) floating imperceptible in the air, or such as have effected a lodgement in the throat or on the person.

A certain remedy against all contagious cases. cases.

Perfectly Harmless, used Externally or In

J. H. ZELIN & CO., Proprietors. MANUFACTURING CHEMISTS, PHILA Price, 50c per bottle; pint bottles, \$1.

## SCROFULA

disease.

The complete master of all scrothlorises of the control of Scrothlous Sorce.

"Some months ago I was troubled with scroth. I cons sorse disease on my keep the consecutive of the consecutive of

## AYER'S SARSAPARILLA

stimulates and regulates the action of the digestive and assimilative organs, renews and strengthens the vital forces, and speedily curse Recumany. Castry, Neurolight, Recumptic Gout, Generalised, Castry, Neurolight, Recumptic Gout, Generalised or complete on the blood and a weakened vitality.

It is incomparably the chespest blood medicine, on account of its concentrated strength and great power over disease.

Dr. J. C. AYER & CO., Lowell, Mass. Sold by all Draggists; price \$1, six bottles for \$5.

## SURE CURE FOR MALARIA, Sure cure for Dyspepsia in all its stages; also for Coughs, Coids, Bronchitts, Atlans, and all diseases of the Throat and Allars, and the only remedy that is beneficial in malarial climates. This is a preparation of BALSANOP TOLL, ROCK CANDY, MAGKESLA, and other medicinals beneficial in above diseases, the basis being the purset Rice and Rye Whis kies. This Rice whisky is commonly known as Arrack in the South, and as Samshoq in China. It has been used for many years by the Chinese, and also by the negro laborers in the Southern rice fields as the only antidote for malaria and rice fever. We guarantee a positive cure in every case. Harmless and very pleasant to take. Try it. For sale by all druggists and grocers at 1 per quart bottle. The trade supplied at a discount by Meyer Bros. & Co., wholesale druggists, and Brookmire & Ranken, wholesale grocers, St. Louis, Mo. This tonic is classed by commissioners of internal revenue as medicinal, subject only to the stamp tax, which does not subject the vendor to license as liquor dealer. New York and Charleston, S. C., Sole Manufacturers and Proprietors. HAIR BALSAM TURKISH BATH ESTABLISHMENT. 311 N. Seventh St., Between Olive and Locust.

FOR LADIES:—Monday, Thursday and Sat-rday mornings from 9 a. m. to 12 m. FOR LADIES:—Monday, Finits any and Savinday mornings from 9 a. m. to 12 m.
FOR GENTILEMEN:—From 7 a. m. to 9 p. m.,
szepting the above hours for ladies.
SUNDAYS:—Gents from 7 a. m. to 12 m. FLORESTON

SAW MILLS For Description

GEO. F. ADAMS, M. D., SUPT.

### Ironware. Granite



FOR BOILING, BAKING, IS WHOLESOME, DURABLE.

The Best Ware Made for the Kitchen. MANUFACTURED ONLY BY THE

ST. LOUIS STAMPING COMPANY, ST. LOUIS. For Sale by all Stove, Hardware, and Housefurnishing Dealers.

HIMIP'S MANURE SPREADER Pulverizer & Cart Combined. One load put out by the Spreader will do as much good to the present crops as two ordinarily spread by hand. arsest to the finest, ash

> KEMP & BURPEE MFG. CO., Syracus H. REINSTEDLER, St. Louis, Mo., General Agent for Missour



We manufacture the following nan ed Goods, and we believe every Farmer will consult his own interest by examining them before

Steel Walking Plows Of best possible shape for shedding the dirt and for light draft; also, the MOST UNIFORMLY

"Bradley" Walking Cultivators With our PATENT SPRING. These Springs are the only ones so arranged that their force operates to help raise the plows and to hold them up when raised, without interfering with their natural operation when in the ground Farmers, don't forget this, for it is a very desirable feature. Sulky Hay Rakes {Hand Dump} Containing twenty best oil-tempered steel Teeth. Our Rake Teeth weigh more than others, and are consequently stronger and less liable to break.

"Furst & Bradley" Wrought Frame Sulky Plow Lever Locks to the Plow, leaving the pole as free as on a wagon.

Gang Plows, Harrows, Double and Single Shovel Plows,
Field Rollers, Road Scrapers, etc. etc.; also, a full line of "Furst & Bradley" Chilled Plows.

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FURST & BRADLEY MFG. CO., - St. Louis, Mo. FURST & BRADLEY MFG. CO., - Indianapolis, Ind. FURST & BRADLEY MFG. CO., - Kansas City, Mo. DAVID BRADLEY & CO., - Council Buffs, Iowa. DAVID BRADLEY & CO., - Minneapolis, Minn.

STILL HOLDS THE LEAD



10 Years' Practical Use. BARNES'

WIRE CHECK ROWER.

First and Only Entirely Successful Wirs Check Rower ever Invented. Check Rower ever Invented.

Popular because Simple and Easy to Operate. Ten years practical use has proven the success of the mes' Check Rower beyond question. It has the lead with the dealers and the farmers, who have rened an unanimous verdict that it is the best Check Rower made. The following are the advantages rany other Check Rower, and all claims established by actual use:

The of wire in place of a rope; and that one wire will outlast two ropes.

The wire will not stretch and shrink like a rope.

The wire will not stretch and shrink like a rope.

RE, and friction on the pulleys, and making a wire that pors Nor cross the machine outwear several could be a shift of create the making.

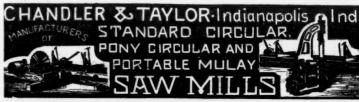
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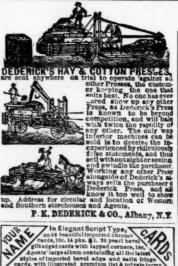
Only Double Ring Invented. Champion Hog Ringer, Rings and Holder.

Elliptical Ring
And Triple Groove Hog and Pig
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only Ring that will effec-rooting. No sharp points CHAMBERS, BERING, QUINLAN CO., Exclusive Manufacturers, DECATUR, ILLS.







Every Man His Own Miller.

BIG GIANT FEED MILL.

The only practical Feed Mill made. The only mill crushing corn and cob made with cast-steel grinders. Grinds faster, and does a greater variety of work than any mill of similar price. If we fail to prove the above statement, we will give you a mill free. Bon't be deceived. Manufactured by J. A. FIELD & CO., 8th and Howard Streets, St. Louis, Mo.

OUR NEW PACK FOR 1888,
50 All Chromo Carls,
for Guigns of Swiss Floral, Seaview, Wreath Landscappe, Gold av
Moonlight, Summer and Wister Secnes, all in beauti

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### Pedigree of Cows.

mum results in the dairy are not the sole outcome of any single condition. They depend not merely on the capacity and breed of the cow, but also and equally on the intelligence and good management of the owner; and what is equally true, but seldom considered, even the capacity of the cow is itself to a large extent the product of human skill.—Conrad Wilson, in Harper's Magazine.

### Shorthorns as Milkers.

Concerning Shorthorns as milkers an English contemporary says:

A number of gentlemen interested in agriculture visited the farms of the Shorthorn Dairy Company near Brentwood. The party was under the guidance of the Earl of Dunmore (chairman of the company) and Mr. Collinson Hall (managing director), and were shown the workings of the system under which the cattle (which are all Shorthorns) are all stall-fed on the produce of the farms mixed with a proportion of foreign food, for the most part half-malted. The cattle are housed in concrete-built sheds, with mangers, always kept clean, above which flows a constant stream of pure water, so that the animals can drink whenever they wish from a clear stream. whenever they wish from a clear stream. When the company acquired their business they took 470 head of cattle. The stock has increased in less than eighteen months to 1,120 head of cattle. The company is now farming 2,200 acres of land, and has besides the cattle 500 Southdown sheep and 400 pigs. They send to London 160,000 quarts of milk

### Dairy Notes.

Calves should be kept growing while young, but should not be stuffed, or forced beyond a certain point, as then the food is worse than wasted.

High feeding of cows before calving tends to milk fever. To save our best cows from death all stimulating food should be withheld for a month before calving.

The first requisite for the making of the best butter is clean cans, clean food and drink; pure air for them, clean utensils and pure air for their milk. These conditions are the foundations.

We also keep being the conditions are the foundations.

It has often been stated that twelve pounds of hay are required to make a pound of growth. Any attempt to fix the amount of food required to make a pound of growth, without consideration of age and size, is quackery; likewise the statement that an animal will consume three per cent of its live weight daily is no better.

In raising a calf take it from its dam after forty-eight hours and feed three times a day, a quart at a time. It should be encouraged to eat hay and whole oats as early as possible. Hand-fed calves should be learned to take the food slowly. This is the best remedy for impaction of food in the stomach from which calves sometimes die suddenly.

In that time coming, the farmer will be a man of leisure and letters, as well as a man of means. He will know books that he may know men, and trade, and be more self-dependent. He will house his stock and corn, save his growing timber and plant forest trees on his waste lands.

Three mammoth cheese were shipped from New York to England lately. An English journal says of them: "One of them is 2,400 pounds in weight, and the other two 2,100 pounds each. They measured five feet in diameter by two feet two inches deep, the total circumference being sixteen feet. They are said to be of splendid quality, and are the product of six days milk of a herd of 800 cows.

Light without a single execution on

I find, without a single exception, animals with a dark (leaning to yellow) skin produce richer milk than the light (with a tendency to blue) skin. A negress furnishes richer milk than the Caucasian, a mulatto richer than either. But the richness now decreases with every cross. A dark-colored cow, sheep or horse, with a yellow hide gives richer milk than one of light color, especially when accompanied with a blue skin.

Substitute for butter: A lady who is a famous housekeeper recommends an economical plan for making cakes without butter, which may be of use to our readers who have a dread of "margarine." Take a piece of fat pork, meit it down and strain it through a piece of coarse, thin muslin. Set it aside until it is cold. It is then white and firm, and may be used like butter in any kind of cake. In pound-cake she assures us it is delicious.

Rye is one of the most valuable of all crops for soliling, as it makes a good growth before most grasses begin to shoot. It is not always a profitable crop when grown for grain, but its value is inestimable for early pasturage and soliling. There is another use to which rye can be put to advantage, which is to al-

low it to make a heavy growth and then plow it under for early potatoes. Used for this purpose, it largely increases the yield, especially if it is sprinkled with a mixture of lime and ashes.

40 New (1883) Chromo Cards, no 2 alike, with name loc., postpaid. Geo. I. Reed & Co., New (1883) It is postpaid. Geo. I. Reed & Co., New (1883) To increase your crops and mature them the same time winking the property of the property of

Pedigree is a very essential element in the value of cows. But it is also true and no less important to know that grade animals in a well-managed dairy can be made, as a rule, quite as productive as thorough-breds, and often more so. Yet this does not at all imply that the latter can be dispensed with, for we can not have a good quality of grades without a good strain of blood to start from. While it is conceded that pedigree is one of the factors in the value of a good cow, it is not by any means the 'only factor. Maximum results in the dairy are not the sole A well-fed cow, one properly cared for

In order to make the most and best butter, in the most profitable manner, the utmost cleanliness about everything should be observed. To accomplish this should be observed. To accomplish this the cows must be kept above ground; never in the cellar, as it is impossible to make good butter if the cows are kept in such situations. Give light, air, and good feed. Clean the food boxes daily. Whiten the stable floors with plaster of Paris. This will absorb the ammonial odors. Whitewash the interior of the Concerning Shorthorns as milkers an itie-up as often as convenient. Let the inglish contemporary says:

A number of gentlemen interested in can only be made in a room airy and

> A goat dairy farm is conducted on the Surrey Hills in England. Goats' milk, and butter and cheese made from it, with goat and kid-skins as minor products, are supplied by the farm. On this Surrey farm is a herd of 120 milch goats, and the milk, which is prescribed by physicians, being comparatively difficult to obtain, is sold in London at 37 to 50 cents per quart. It is preferred by many for the food of very young children. English and Welsh cottagers find the keeping of goats for their milk a profitable business at the prices paid. The yield is generally very small; but a goat picks its own living with less expense to its owner than ing with less expense to its owner than any other animal.

## The Apiary.

Knowing.

Now is the proper time to clean out from the entrances of the hives all dead bees, so bees may not be bothered in passing out and in whem the weather be-comes warm.

Always avoid keeping farm stock about where your bees are located, as the least little jar will set them in commotion and too often cause them to fill themselves unnecessarily and causes trouble as well

We also recommend that snow, as well as ice, to be cleaned away from around the hives, and if you are still using the old round log or box hives we suggest that you raise them up carefully and brush off the bench or bottom boards nicely and set the hives back to their proper places. proper places.

Dysentery is usually brought on by the bees feeding upon soured or impure honey. It is also frequently produced by being disturbed in some way just before a sudden change in the temperature, which if very cold immediately after they have filled themselves, you may be quite sure your bees will have dysentery.

your bees will have dysentery.

It is no fault of ours if you are not in possession of a good movable frame hive, in which you can always know the exact condition of your bees, as well as take your surplus honey at any time without disturbing you bees in the brood chamber, and at the same timeget your honey clear of bee-bread or young bees—which is one of the greatest considerations we can have, and should be appreciated by all bee-kéepers.

lave, and should be appreciated by all bee-keepers.

The best way to make bees pay large and well developed heifer" there is no objection to having her hist calf before she is two years old, but when undersized or at all weakly, it is safer to let her reach the age of 21-2 or 3 years. If thrifty heifers come in at an early age and are properly attended to, they usually make better milkers than when they come in late.

A Dairyman.

The best plan for a cow stable isto have the cows occupy a small building by themselves. Have no manure under it, hence no fumes of heating manure nor room for grunting pigs. The cows' flanks and udder should be kept as clean as a horse's fanks.—Why should they not? Let the cow stand upon a platform which drops six or eight inches behind her heels. Cows are easier kept clean if attended to every day.

The structure of the best way to make bees pay large and structors, and then you can hope to realize large profits, as well as more pleasure in keeping bees, than you ever did on the old pod-augurstyle. Is it not enough to convince any one when we tell our readers that 718 lbs. of nice extracted honey was realized the assume that there was eight nice queens that the profit. From that same stand there was eight nice queens with the working sensor to again return, when, if the working sensor to again return, when, if the weather is as propitious as we trust it will be and of the coming season, we hope to realize and believe that 1,000 lbs, of honey will yet to taken from a single stand of bees in one season.



## AYER'S Ague Cure

ontains an antidote for all malarial disor-ers which, so far as known, is used in no other medy. It contains no Quinine, nor any mineral or deleterious substance whatever, and conse-quently produces no injurious effect upon the con-titution, but leaves the system as healthy as it was before the attack.

WE WARRANT AYER'S AGUE CURE to cure every case of Fever and Ague, Intermittent or Chill Fever, Remittent Fever, Dumb Ague, Bilious Fever, and Liver Complaint caused by malaria. In case of failure, after due trial, deal-ers are authorized, by our circular dated July lst, 1882, to refund the money.

Dr. J. C. Ayer & Co., Lowell, Mass.

\$225 A MONTH-AGENTS WANTED -90 best selling articles in the world; I sample free. Address Jay Bronson, Detroit, Mich

## JOHN B. BLYHOLDER, Horseshoer and Farrier. Road and Track work a specialty. 2717 Franklin Ave.

Splendid! 50 Latest Style chromo cards, name 10c. Premium with 3 packs. E. H. Pardee New Haven, Ct.

Shepherd Dogs for Sale, A choice lot of Bitches and Pups, bred from imported registered stock.

A choice lot of grown Dogs, Bitches and Pups, bred from imported registered stock. ARYLAND FARMS. Book and Map free. by C. E. SHANAHAN, Att'y, Easton

### FOR SALE.---Nursery & Fruit Farm.

Owing to increasing years I wish to dispose of my business, which was established by me in 1857. The Nursery is situated 1 mile from springfield, Illinois, and contains 45 acres. There is a general collection of Nursery stock, bearing orchards of Pear, Apple and Cherry trees; glass house with black Hamburg grapes; is acres of small fruits, etc., etc. The house is a handsome two-story brick, containing 12 rooms, and has a beautiful lawn in front. For further particulars apply to JOHN McGREDY, Hazelwood Nursery, Springfield, Illinois.

Matthews' BRILL The Standard of .\* America.

Admitted by leading Seedsmen and Market Gardeners everywhere to be the most perfect and reliable drill in use. Send for improvements for 1883. Made by EVERETT & SMALL, Boston, Mass.

719 Broadway. - - St. Louis.

Fruits in their Season a Specialty. We offer to shippers 16 years experience, comptness, and the best location in the city.



Send for circular.
D. R. SPERRY & CO.,
Batavia, Ill. THIS N. Y. SINGER \$20 With 48 set of Attachments FREE. Warranted perfect. Light running, quiet, hand-some and durable. Eeede, 12 stops, Mechanical Suo Dassectare coupler, 2 knee swells, with \$\footnote{\text{stool}} and \$\footnote{\text{l}} i book, ONLY \$75. Also Sent on test trial-plan if desired, Elegan case, magnificent tone, durable inside



For Internal and External use. Cures neural-gia, Diphtheria, Croup. Asthma, Bronchitis, Influenza, Sore Lungs, Bleeding at the Lungs, Chronic Hoarseness, Hacking Cough, Whoop-ing Coug., Chronic Rheumatism, Chronic Dysentery, Cholera Morbus, Kidney Troubles, Diseases of the Spine and Lame Back. Send for pamphlet. I. S. JOHNSON & CO., Boston, Mass.

## Fishing Nets

FISHING TACKLE. nell, Hoop and Bird Nets always on Send for Price List.

C. & F. CHENOT, No. 324 SOUTH MAIN ST., ST. LOUIS, MO.



Mixes perfectly with COLD WATER. Safe to use in COLDEST WEATHER. It is a sure cure for all SKIN DISEASES and INSECT PEST of domestic animals. Every farmer should keep it. The various uses of this Dip will be found in the RURAL WORLD.

T. W. LAWFORD, Gen'l Agent.
296 E. Chase Street, Baltimore, Md.

As One-Third Gost of My other process.
Perfection Coffee Pet, indispinsable overly half.
Agenta Wanted, Froemous prefix, cholese One ogen timede \$175 the first week, muchar \$440, etc. Write at coss.

1. E. SHEPARD & CO., Cincinnati, O., Kansas City, Ma.



Note—The analysis of the Sugar Plant shows our Fertilizer to be adapted to its growth. Also, Pure Raw Bone Meal, Dissolv-ed Pure Bone Meal, etc. Send for circular.

A.B.MAYER

St. Louis Mo.

## Good Cheap Lands

In Audrain and Saline Co., Mo.

Good homes and farming lands in Northeast Missouri near good schools, churches of all denominations and first-class railroads to all competing markets, east, west, north and south, over competing lines, for which no bonded debt now exists to burden the tax-payer. Prices Low and Terms Easy. Apply to JOHN P. CLARK & SON, Real Estate Agents. Mexico, Mo. Office established 25 years. Send for our papers and maps free. Mention this paper.

## COBDEN, ILLINOIS,

A large stock of dry material on hand. Large orders filled on short notice. Send for price list.

By Isaac A. Hedges. His last revised edition, \$1.00. Early Amber, Link's Hybrid, and Kan-sas Orange Cane Seed, clean and pure. Ad-dress Mrs. D. Hedges, 1121 St. Louis Av., St. Louis, Mo.

HO! FOR SPRING, 1883.

ROOT GRAFTS of Apple, Pear, Plum, Cherry and Quince—best kinds, true to name and packed in best condition. Order at once and get leading kinds. Handsome young Evergreens, 7 kinds, 12 to 20 inches, once transplanted, well rooted and nicely shaped, at half price; 2d and 3d class stocks of apple, pear, plam, cherry and peach for planting out to bud, or graft a fine stock. Am. Sweet Chestnuts, Black Walnuts, Pecans, Barberrys, Magnolias, Calacanthuses, Catalpas, vines, cutrings, hedge-plants, Dahlias, Tuberoses, Peconies, prepared seeds of Apple, Pear, Peach and Cherry. Send for new price list without delay and secure your stock for spring.

JOHN RIORDAN & CO.,

Bloomington, Ill.

CORN LARGEST, EARLIEST, and most PROLIFIC of any in America. Send stamp for engraving.

To Resh growth of 1882, at reasonable rates. Address H. W. BLASHFIELD, Homer, N. Y. Weight of 65 EARS 97 lbs. Grains an ss H.C.BEEBE, Canton, III. SEEDS

Amber and Orange Cane SEED.

Early Orange and Amber seed, pure, and handled with carr, one dollar perbushel until lst of March. Samples free. F. KINGSLEY, Hebron, Nebraska.

Red Cedars & Forest Tree Seedlings. We have the largest stock in the West of Red Cedars, Forest Tree Seedlings, Hardy Ca-talpa, Strawberny and Raspberry Plants, Peach Pits, Apple Scious and Grape Cuttings. Write us for price lists. BAHLEY & HANFORD, 3 (On I. C. Ry.) Makanda, Jackson Co., Ill.

Early Golden | North River Beauty Sweet Potatoes, Irish Potato,

And many other varieties treated of in Spring Lake Experimental Farm Catalogue. Sent free to all applicants naming Rurat World. J. T. WILLIAMSON. Edwardsville, Wyandotte Co., Kan.

Choice Seed Potatoes for Sale.

Choice Seed Potatoes for Sale.

Beauty of Hebron, Clark's No. 1 Manunoth Pearl, White Elephant, Pride of America, Queen of the Valley, and quite a number of other kinds. Price per peck, 50 cents; per bushel, \$1.75. My potatoes were grown under straw; they are extra fine. Order soon and get pure seed. Express and freight charges to be paid by purchaser. C. T. STOOKEY.

Freeburg, Ill.

### Headquarters for Sorghum Seed.

I have sold nearly 200 bushels and still hav nice lot of Amber, Orange, Honduras an onsuch, and will send by mail, postage paic { lbs for \$1.00, more than enough to plant a

Plants of Best Quality. Warranted true to name. Lowest prices and largest assortment of old and new varieties.
Free by mail. Special attention
called to
PROMISING NOVELTIES.
Send for price list. Address
BUSH, SON & MEISNER,
Bushburg, Jefferson Co., Mo.

## Osage Orange Seed.

press. Special rates on large orders, See all kinds. W. M. KLYCE, Paris, Texas

Amber And Orange Cane Seed. I have an extra good lot of above kinds of seed for sale at \$1 per bushel.
Address, X. K. STOUT, Troy, Kansas.

PURE MINNESOTA EARLY AMBER CANE SEED.

Send for 5th Annual Circular which contains valuable instruction for Growers and Manu-facturers. SETH H. KENNEY, Morristown, Minn.

## BOYD'S

EARLY PEACH Ripens three days ahead of Hales' Early, is more than half larger, equally as fine colored entirely free from rot and a good shipper. We will furnish dormant buds at fifty cents each by mail or express. Buds in season at three dollars per hundred.

Northern Sugar Cane Manual By Profs. Weber & Scovell,
Of Champaign, Ill. Sent free on application
to GEO. S. SQUIER, Buffalo, N. Y.

SEED | Osage Orange, White Burley Tobacco, Glover & Grass Seed.

For Sale at trade prices.



## Osage Orange Seed New, \$5.00 per Bu.

TRUMBULL, REYNOLDS & ALLEN'S AGRICULTURAL HOUSE, Kansas City, Missouri.

We carry large stocks and can offer the most favorable prices on

sost favorable processost favorable processos Sorghum Seed,
Broom Corn Seed,
Egyptian Rice Corn,
Seed Potatoes,
Seed Grain Ne carry large stocks and can offer the most favorable prices on a carry large stocks and can offer the most favorable prices on a carry large stocks, and can offer the most favorable prices on a carry large stocks, and can offer the most favorable prices on a carry large stocks, and can offer the most favorable prices on a ground stock of the most favorable prices on a carry large can be seed for an early Amber, and carry orange and kansas Orange Pedigree Seed, \$3.00 per bu. Early Amber and Early Orange cane Seed, for Fodder and Easilage, \$1.25 per bu. California Golden Broom Corn Seed, \$2.00 per bu, 75c per peck. This is the finest Broom Corn grown, is free of large centre stalk, does not need bleaching in the sun, grows just proper length.

Address, TRUMBULL, REYNOLDS & ALLEN, Kansas City, Mo.



D. LANDRETH & SONS SHIP STEWS HELD

Pedig 16 - S. W. Samaa. Motte Corners, N. F. "I can get seed in my own neishburg.

-S. W. Samaa. Motte Corners, N. F. "I can get seed in my own neishburg.

-J. M. L. Farker, Shapese Wis. "I have used your seed for risk years and had rather pay \$\mathbb{E}\$. "I have used your seed for risk years and had rather pay \$\mathbb{E}\$. (but seed from any other pays \$\mathbb{E}\$. (but seed from any other pays \$\mathbb{E}\$. (but seed from any other pays \$\mathbb{E}\$. (but seed from seed from any other pays \$\mathbb{E}\$. (but seed from seed from seed from seed from setting from setting \$\mathbb{E}\$. "James McGoscan, but seed from setting \$\mathbb{E}\$. Sides Tottes, \$\mathbb{E}\$. (but seed from setting \$\mathbb{E}\$. "James McGoscan, but seed from setting \$\mathbb{E}\$. "Sides Tottes, \$\mathbb{E}\$. Sides Tottes, \$\mathbb{E}\$. Sides Tottes, \$\mathbb{E}\$. (c) and \$\mathbb{E}\$.

EVERGREEN AND DECIDUOUS Seedlings, Spagnum Moss, etc. Send for E List, etc. to Z. K. JEWETT, Sparta, Wis.

PLANTS FREE BY MAIL.

In good Dollar Collections. Send for Illustrated Catalogue of new and fine Green-house Bedding and Hardy Plants and Seeds. Address E. S. MILLER, Wading River, N. Y. EARLY AMBER CANE SEED.

We have a fine lot of SELECT AMBER CANE SEED for sale. Our seed was well matured, aved from cane that tested from 12% to 13 B. to broom corn was raised within a miles of it. Frice 4 cents a pound by the quantity. J. K. MAYBERRY & SONS, Chase, Rice Co., Kan.

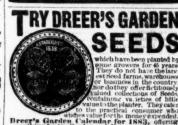
STARK NURSERY.

48th year. 200 acres. Catalogues free. Inending purchasers will do well to get their
orders booked early, trees for spring being
erry scarce throughout the country.
STARK & CO., Louisiana, Mo. 1883. SMALL FRUITS. 1883.

My New Catalogue.

New Strawberries—Manchester, James Vick. New Raspberries—Hansell, Lost Rubies. New Grapes—Pecklington, Prentiss. New Currant—Fay's Prolific. I have all the GOOD THINGS, new and old. My calalogue is finely illustrated, and sent free. Send for it. J. DECKER, Fern Creek, Ey.





HENRY A. DREER SEED GROWER.

12 Hellotropes, St. 12 Fuchsina, Strand many others. Nearly all Other COLLECTION of the Hondred Superb Varieties is priced to the Hondred Superb Varieties is priced at the Hondred Superb Varieties is priced at the Hondred Superb Varieties and a number of articles \$2.00 km C.A.S.H., and a number of a number of the National Action of the National Actio

SEEDS! PURE, FRESH, TRUE



We lay no claim to sell seeds that are re

or our 66 page catalogue containing instr ons how to grow and what to buy. MICHEL PLANT AND SEED CO., 107 North Fith St., St. Lonis, M. SEEDS! GARDEN,
FIELD &
LOWERT PRICES
FLOWER.

BEST QUALITIES.
LOWERT PRICES
LOW J. M. M°CULLOUGH'S SONS.







DUTCH & RUSSIAN SEED

This will Double the Seed Crap; the seed yielding ONE-THIRD MORE OIL the the common. This makes a fiber hi for the finest manufactures. Will guadruple the income per acre; 300 to 500 per cent, prefit on the cost of the better seed. We imperint this seed in scaled by 198. Send for our book on FLAX CULTUITE FOR REED AND FIBER; only 10 Costs. Price List and Annual Descriptive Seed Catalogue Free.
HIRAM SIBLEY & CO., Seedsmen, Chicago, Ill., Bochester, N. Y.

## The Stock Pards.

### Weekly Review of the Live Stock Market.

WEDNESDAY, Feb. 14th, 1883-2 p. m. CATTLE—Light butchers cattle were active and firm. There was an active inquiry for stockers and feeding steers. Market for shipping cattle opened slow, but ruled steady, and closed active. Pens were cleared of all cattle that were here before 11 a.m. Receipts liberal. Representative sales:

HOGS-Market opened slow, but ruled

steady on good to best heavy, which sold at \$6.70 to \$6.95. Mixed packing sold at \$6.50 to \$6.75 for fair to good, but common packing and coarse heavy sold 5c to 10c lower, at \$6 25 \$6 45. Light hogs averaging 186 to 210 lbs sold at \$6 40 to \$6 50, and ruled fairly active and firmer. About all sold. Representative

little inquiry for any kind of sheep outside of the limited local demand. Receipts are mainmmon. Sales:

THURSDAY, FEB. 15, 1883. CATTLE—There was a good supply of cat-tle on the market this morning, and trade opened slow on account of the derangement in shipping facilities eastward caused by high water. Market was a shade easier on light butchers cattle under liberal supply, but all offering were sold by noon. Shipping cattle ruled fairly active after the market opened. and ruled firm at yesterday's to extent of sup-ply at noon. There was an active inquiry for stockers and feeding steers. Representative

 native butchers
 856

 native cows-heifers
 1091

 native cows-heifers
 871

 native steers
 1148

 native steers
 834

 native steers
 124

 native steers
 131

 native steers
 1156

 native steers
 1231

 native steers
 1464

HOGS—Market opened slow, but ruled a shade easier on good heavy, which sold at \$6 70 to \$6 90 for choice to best. Packing hogs sold about 5c lower than yesterday, and ruled slow at \$6 45 to \$6 65 for fair to good, and comcacking and course heavy sold at \$6 25 to Light hogs averaging 180 to 210 bs sold slow at \$6 35 to \$6 45. Light Yorkers and fat pigs sold at \$6 00 to \$6 30. All sold. Repre

BOMBONT O DIELOU.	
43 \$6 35	12\$6 60
66 6 10	13 5 56
95 6 80	36 6 60
24 6 55	56 6 35
68 6 55	10 6 40
59 6 50	23 6 60
34 6 50	21 187 6 30
58 6 50	37 277 6 65
63 6 60	42 6 40
10 174 6 25	55 6 70
17 6 00	65 6 70
GITTED Mandant day	Incombant made last and

gr	ades	are	negle	ected.	Sales:
42		100	\$	3 75	91\$5 00
75		102		4 25	84 10 4 50
					196 5 05
					83 122 5 00
					70 5 25
65		90		3 75	

FRIDAY, Feb. 16, 1883 2 p. m. CATTLE—Market for shipping cattle wa fairly active under moderate receipts, and all sold early in the day at steady prices. Butch-ers cattle were active under light receipts. The only trouble feared was lack of transpor tation, as we had but one road, the I. & St. L. that could take stock out. The C. & A., Wabash, Vandalia, and O. & M. roads all washed out in the interior of the State by freshets The C. & A. took out a train of stock, but had to return to the yards to unload. Represen

native steers.....

HOGS—Market opened slow, but ruled firm on good to best heavy, which sold at \$6.70 to \$6.85 for choice, some that were extra sold at \$6.70 to \$7.00. Packing hogs were dull and nominal at \$6.45 to \$6.65 for fair to good, and \$6.25 to \$6.40 for common packing and coarse heavy—weather warm rainty word firms and rough \$1.50@2.50 as in size and condition; good to choice \$2.75@3.25; fancy there is absolutely no sure cure for hog cholera, but that Sheridan's Condition Powders given occasionally will certainly prevent it. Be sure to get Sheridan's. The other kinds in large packs are track weather warm, raining most of the day. Light hogs averaging 189 to 210 hs sold about 10c higher than yesterday, at \$6.40 to \$6.55, Light Yorkers and fat pigs sold at \$6.00 to \$6.35. Rep.

fair to good sheep was active and a shade strictly choice \$15@15.50; 2 fancy \$16.

tive, and pens were cleared early at 10c to 15c higher prices than ruling at the close of last week. The rallicad tracks damaged by the freshets last week are about all repaired, and stock trains eastward are again running reg-

An active demand for stockers and feeding cattle.

Light butchers cattle were searce and sold a shade higher than at the close of last week.

Good to choice fresh milch cows are v	vanted
Representative sales:	
15 native butchers 955	34.5
42 native butchers 945	4.0
15 native butchers	4.5
13 native oxen	42
10 native cows 866	4 0
19 native butchers 998	4 6
14 native cows-heifers	4 0
16 native steers	5 2
15 native steers	5 2
32 Colorado steers1310	5 2
161 Texas steers 929	4 6
HOGS-Receipts were inadequate to	suppl

the local butchers demand. Quality were the local butchers demand. Quality were the local butchers demand. Quality were mainly fair mixed packing—which were quoted at the close of last week at \$6 50 to \$6.70— his department of the close of last week at \$6.50 to \$6.70— his defended on low halves \$6.66% c, fair halves \$6.470, prime bright do 7%.07% c. Light to \$7.00 in the absence of better hogs.

Ayer's Sarsaparifia is the best medicine for the every one in the spring. Emigrants and travelers will find it an effectual cure for the eruptions, boils, pimples, eczema, etc., that break out on the skin—the effect of disorder of the

SHEEP-Market is slow, but firmer than at the close of last week. There is a fairly active inquiry for fair to good sheep, but all lamby ewes are neglected. 162 sheep av 117 hs sold this morning at \$5 05.

TUESDAY, Feb. 20th, 1883. Receipts for 24 nours.—Cattle 427, hogs 1,151, sheep 424.

CATTLE-Only fifteen loads enabled holders to obtain all that was secured on Monday in the butcher branch and in instances a shade more, but light supply had much to do with it; the general market of the country was a little easier, and the shipping buyers even here declined to add to Monday's rates. Re-

26 Texas steers...... 26 Texas steers.....

HOGS-Again a light run and a hungry set of butchers; mixed lots of heavy hogs only fair in quality sold up to \$710 and buyers readily have paid \$7 25 for quality. We quote Yorkers \$6 65@6 85, packing \$6 50@6 90, good to choice butcher hog \$6 80@7 25; pigs, thin skips etc., \$6 00@6 50. Representative sales:

53 ... 201 ... \$6 75 49 ... 243 ... 6 90 57 ... 264 ... 7 00 57 ... 206 ... 6 90 16 ... 221 ... 6 25 SHEEP-Business was good, all that came in were wanted and sold readily at good prices; fair to good sheep first to sell at \$4 50@ 5 25; extra \$5 50@5 75; medium \$3 75@4 25; com-

sales:		
No. Description.	Av.	Price.
118 native sheep	.104	85 20
198 native sheep	.100	4 60
55 native sheep	. 102	4 75
81 native sheep	. 94	4 40
21 common sheep	. 62	3 00

### GENERAL MARKET. FLOUR-\$3 55; XX \$3 80; XXX \$4 25. Family

\$4 70. Choice \$5 20. WHEAT-No. 2 cash \$1 13; No. 3 \$1 08%; No. 4

mixed, cash 551/2 @ 56c

OATS-No 2 cash 3814.

Wheat grades and futures were all broke down yesterday in prices, and closed on the afternoon board at the lowest of the day, and all so low as to indicate new views of weather influences. There was only a small movement in sales, but a fair dealing in future all round, and specially in the March, April and May options; and notable in the latter as compared with Saturday. The market for futures was quite unsettled and fluctuating, but the \*Advertiser\* for naval cadets. decline was established and closing practical prices were as above.

Corn accompanied wheat from similar causes and sympathy in a heavy decline. There was an increased movement in grades from the lower market values descended to, and sales of them were the freest and most extensive for some time. There was a light milling demand for No. 2 white-mixed, but there was more selling than of late. Futures lower to

Oats grades and futures lower too, and the former sharply so. Not an active market. Futures lower and closed lower to sell on the afternoon board. May option as in wheat only in boxes. and corn, the prevailing speculative field.

37@38c, seconds 34@36c. Dairy-Choice to fancy 29@30c occasionally a shade more in a small way; fair to good 26@28c; medium to fair 20@25e; common 14@18c; Northern roll unchanged—choice at 21@22c; off grades range at 17@20c. Near-by make—Choice wrapped in good request and steady at 15@

17c, but the largest part of the receipts is common white stock, which drags at 12@14c. CHEESE-Mild late make full cream 121/20 14%c; prime to choice part skims 7%@8%c inferior 3@6c.

EGG8-Receipts for past 48 hours (as given by the Merchants' exchange) only 143 pkgs, and market higher in consequence, yet the demand was light and the feeling weak at the demand was light and the feeling weak at the advance; light sales in job lots (early) at 28c that asked later, with 27c bid for fresh.

DRESSED POULTRY—Market bare of all described in the sales in job lots (early) at 28c that asked later, with 27c bid for fresh.

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descriptions, and demand moderate, but porary, the Chicago Inter Ocean, we are more descriptions, and demand moderate, but prices nominally higher. We quote: Turkeys astonished than pleased to learn that "reperture ory" is French for "handbox."

tions remain without change. Sales: East side = 2 cars common red top mixed at \$808.50; 1 rected to "New York Graphicx" can only be

2 cars rose at 92%c, 2 cars choice do (sacked)

Monday, Feb. 19, 1883—2 p. m.

CATTE—Market for shipping cattle was ac
EXECUTED TO SHIPPING CATTE WAS AC
EXECUTED TO THE SHIPPING CATTE WAS AC
SWEET POTATOES—Slow. We quote: Red nansemond at \$3 50, bermuda at \$3 per bbl in shipping order; Southern yams dull at \$2.35 per bbl. Sale: 17 bbls yellow nansemond (from first hands) at \$2.65 per bbl.

ONIONS—Easier under larger receipts, but prices not quotably lower. Sales: Yellow—1

WHITE BEANS—In light supply and fair demand: navy in best request—wanted for seed. Country at \$1,0002.25; Eastern jobbing only—screened medium \$2.50, do navy \$2.55,

APPLES—Demand limited. Choice geniting and firm red varieties steady in price: while when the latter's specialty?

SALT-Lake nominal at \$1 15@1 20 # bbl. BROOM CORN—Choice green hurl in demand; all else neglected: crooked at 21/03c,

strained 6%@7c, extracted 7%@8%c lots in small packages more.

### THE SEED MARKET.

W	C
Retail prices, St. Louis, February 19, 1883.	r
Red Clover\$ 7 75	
Sapling Clover	
Alafalfa " 9 50	1 .
White Dutch Clover	
Timothy 1 90	1 0
Red Top 85	W
Orchard Grass 1 55	
Blue Grass. Extra Clean	E
Meadow Fescue	a
English Lawn Grass 14 " 2 25	
Hungarian Grass48 " 95	
Millet 85	8
German Millet 1 25	ti
Sorghum Seed	11
Broom Corn 1 50	1 18
Osage Orange 4 50	h
Castor Beans 1 50	b
Hemp, prepared 2 50	1 2
Cow Peas	
Buckwheat 1 10	) S
Barley48 " 85	1 66
Saint Chas. White Corn 90	66
Galena Yellow Corn	
Brown Oats 48	
Red Rust-proof Oats	IA
Rye56 " 75	
Onion Sets, yellow, measured 4 00	
" " white, " 6 00	e
Top Onions 3 50	
	1

### ST. LOUIS AMUSEMENTS.

"The Black Flag." a thrilling melo-drams superbly costumed, set and acted, is crowding the Grand Opera House. It is well worth see-ing. Next week Miss Maggie Mitchell will begin her annual engagement.

Bartley Campbell's new play, "The White Slave," has been revived at Pope's Theatre, and has met with grand success. It is a ster-ling play, is rich in scenic effects, and is moreover a good picture of southern life. It will eeded by the great German actress,

The attraction at the Olympic at present, is the merry, sparkling Lotta, who has no equal in her line. The house is crowded at every performance. Haverly's Mastodon Minstrels will come next week.

The risks taken by Frank Frayne in his new drama of "Mardo," are thrilling in the ex-treme. He enters into cages of lions, hyenas and other ravenous animals without fear. His bid \$1 01.

CORN-No. 2 mixed, cash 55c; No. 2 white

### CHAFF.

Leadville, also, has its Lotus Club. The sight of milk carts drives Rochester

Everybody says, Wise's Axle Grease never "Suckling Nelsons" is Buffalo Commerc

There's one awful disadvantage about being a queen, empress or peeress-every one know

their age Henry P. Long, Paris, Mo., says: "I have been selling Brown's Iron Bitters for s time, and it appears to give satisfaction."

A firm in Lawrence, Mass., makes nothing but governors. "It has no patent on the tidal-wave Governor," explains the Boston Commercial Bulletin.

For coughs, asthma and throat disorders use Brown's Bronchial Troches, having prov

While the Government attorneys in the Star Route cases get \$50 to \$100 a day, the witnesses BUTTER—Market quiet. Other than a fair demand for choice stock from the local trade little doing. We quote: Creamery—Selections

The most brilliant shades possible on all fabrics are made by the Diamond Dyes. Unequalled for brilliancy and durability. 10 cts.

Yes, "Romeo," you are right. If Mr. P. B. D. Vanderbilt was running that underground steam heating company he'd make it warm enough, and no mistake. New York has begun to put telegraph wires

Under the new law prescribing the cat for wife-beaters in Maryland at the end of their terms of sentence, most of the brutes would

From our linguistic and esteemed contem-

Three hundred and seventy-five thou

persons work under ground in Great Britain.

sands of readers of that entertaining paper had not even for an instant supposed it to b asleep.

Cancers and other tumors are treated with unusual success by World's Dispensary Medi-cal Association, Buffalo, N. Y. Send stamp for pamphlet.

A Colorado news criticism in the Gunnison News-Democrat: "The Tin Cup Banner has a poet, and such a poet! Four cords of his po-etry would not be equivalent to one can of Boston baked beans.'

"I have used Simmons Liver Regulator for constipation of my bowels caused by a temporary derangement of the liver, for the past three or four years, and always when used according to directions with decided benefit. "Hiram Warner, late Chief Justice of Ga."

hand-picked medium 315522 30, do navy \$270 enth Congress aiready has one foot in the 275.

But, see here—is the Times trying to

packing \$6 50 to \$6 80. Yorkers \$6 50 to \$6 65. \$13 50 on the levee. Meal \$20 & ton in car-blood caused by the sea-diet and life on board

Massachusetts has had twenty-five State Treasurers who together handled \$353,086,017.

fair 3½0, prime 404½0, strictly prime 505½0,
choice long green 6½07c.

HONEY—Dull and weak, comb at 14016c,
strained 5½07c. extracted 7½0210.

For weak lungs, spitting of blood, shortne of breath, consumption, night sweats and all lingering coughs, Dr. Pierce's "Golden Medical Discovery" is a sovereign remedy. Supe rior to cod liver oil. By druggists.

It transpires that Prince Napoleon is willing to be President of the French Republic, thoughit must always be reniembered that he would prefer to be at the head of the French Empire. Almost anything will suit this truly accommodating gentleman.

Mr. Marsh Polk is suffering from neuralgia and rheumatism as a result of his incarcera tion in a common jail. Perhaps an elegan ail had better be built for him; though really he ought to have thought of his present trou ble before he did the stealing.

"A wonderful thing is a seed," says some song writer, and then he adds:

song writer, and then he adds:
"You can sow to-day; to -morrow will bring
The blossom that proves what sort of thing
Is the seed, the seed that you sow."
All of which is true. And Hunt's Remedy is a
wonderful thing, also. It, also, is tested by
experience. You give it to any who is setted by experience. You give it to one who is severe by afficted with dropsy, or some liver or kid-ney disease, and "to-morrow," or a little while, reveals "what sort of thing" it is; for it proves itself to be "the friend in need," the cure for which you have been seeking. This is the experience of thousands. We do not fear, but invite the most rigid testing of Hunt's Remedy in kidney and liver diseases

OUR IMPRUDENCE THE CAUSE OF CONSUMPTION.—How many of us can date the cause of our last sickness to either a crowded room, and then coming out in a cold air, or wearing damp clothes, caus-ing a cough which settles upon the lungs, producing seated pains in the chest Allen's Lung Balsam will check the di sease and restore health to the system, if only used in time.





Will Buy the above Scale WEIGHING FROM % OZ. TO 240 LBS.,

RURAL WORLD, One Year.

N. J. COLMAN, 600 Olive Street, : St. Louis, Mo

Jersey Red Swine.

I have some late pigs, all pure bred, for sale, and am booking orders for spring pigs to be shipped in May and June. Have some young sows bred, ready to be shipped. All my stock will be sold at reasonable prices.

J. N. INGRAM,
Perry, Pike Co., Ill.

TWO JACKS FOR SALE. two years old past, extra fine and large r 15 hands high, color dark, and perform: ; the other 9 years old, and a splendic e lack, inferior to none—would trade him good young stock. For further informa , address New Hartford, Pike Co., Mo.

STALLION FOR SALE.

Turkey Hill Farm, Belleville, Ill.

## FARM FOR SALE,

FARM FOR SALLS,
In Henry county, Mo., 5 miles from Clinton,
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